

Class Schedule

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LAKE WASHINGTON
INSTITUTE OF TECHNOLOGY

Practical. Purposeful. Promising.

Academic Calendar

Summer Quarter • July 7 – July 29

May

- 5 Priority registration
- 6 Advising Day for Summer/Fall Quarter (no classes, buildings open) *
Registration begins for continuing and non-credit students for Summer and Fall Quarter
- 7 WAOL registration for fall begins
Students completing a degree or certificate in Summer or Fall need to apply for graduation in order to ensure timely processing.
- 8 New student registration begins – Summer and Fall Quarter
- 9 Open registration begins – Summer and Fall Quarter
- 26 Holiday – Memorial Day (no classes, buildings closed)

June

- 20 Commencement Ceremony – Lynnwood Convention Center
- 25 Spring Quarter ends
Students with unpaid Spring Quarter tuition/fees or owe prior balances will be dropped from Summer and Fall Quarter classes
- 30 Spring Grades Available online ♦

July

- 3 Last day to enroll in WAOL courses – Summer Quarter
WAOL instruction begins – Summer Quarter
- 4 Holiday – Independence Day (buildings closed)
- 7 Summer Quarter Begins
Summer Quarter tuition or first payment of Payment Plan due
- 9 Last day to add without instructor signature 11
Last day for 100% refund (most courses) •
- 14 Students with unpaid tuition/fees who haven't made payment arrangements with an LWTech office will be dropped from Summer and Fall classes
- 28 Last day for 50% refund (most courses)

August

- 15 Last day to withdraw from Summer Quarter
- 27 WAOL instruction ends
Students with unpaid Summer Quarter tuition/fees or owe prior balances will be dropped from Fall Quarter classes
- 29 Summer Quarter Ends

September

- 4 Summer Grades Available online ♦
- 18 WAOL classrooms open for Fall Quarter
- 25 Last day to enroll in WAOL courses – Fall Quarter
WAOL instruction begins – Fall Quarter
- 29 Fall Quarter begins
Fall Quarter tuition or first payment of plan payment due

October

- 1 Last day to add without instructor signature
- 3 Last day for 100% refund (most courses) •
- 21 Last day for 50% refund (most courses)

November

- 5 Advising Day for Winter Quarter *
Registration begins for continuing and non-credit students for Winter Quarter
- 7 New student registration begins – Winter Quarter
- 10 Open registration begins – Winter Quarter

For more information on calendar events visit our website at www.lwtech.edu

* Advising Day–No classes, buildings open. See your adviser to plan enrollment and check progress toward completion.

♦ Go to www.lwtech.edu and select Students, Student Toolbox.

• For classes that start during the first five days of the quarter, refund deadlines may differ for classes that begin after the first week of the quarter. Refund deadlines may also differ for Washington Online, extended learning classes, and classes with start dates mid-quarter and later.

On the cover: Student in Computer Security & Network Technician program.

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Volume 23 Issue 4

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This Class Schedule is published for information purposes only. Although every effort is made to ensure accuracy at the time of publication, this class schedule shall not be construed to be an irrevocable contract between the student and Lake Washington Institute of Technology. The college reserves the right to make any changes in contents and provisions of this class schedule, cancel classes, change fees, faculty, or meeting dates/times at any time without notice.

The Class Schedule is printed with soy inks on recycled paper that contains a minimum of 15% post-consumer and pre-consumer waste. It is mailed periodicals rate to obtain the lowest cost, while best serving the residents of the college's geographic area. Please pass on your copy to a friend, take it to work or recycle it when you are finished. If you do not receive the schedule and would like to be added to our mailing list, call (425) 739-8205.

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CLASS SCHEDULE

11605 132nd Avenue NE, W302

Kirkland, WA 98034



printed on recycled paper

DEGREE & CERTIFICATE PROGRAMS

■ Kirkland Campus

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CONTINUING EDUCATION

■ Kirkland & Redmond Campuses

Continuing Education offers a wide variety of credit and non-credit courses as well as customized training to prepare you for career advancement, career change, or personal growth. Classes are offered evenings, weekends, and online.

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Lake Washington Institute of Technology values equality of opportunity, human dignity, racial, cultural and ethnic diversity both as an educational institution and as an employer. The college provides equal opportunity in education and employment and does not discriminate on the basis of race or ethnicity, creed, color, national origin, sex, marital status, sexual orientation, age, religion, disability, genetic information, or veteran status. The college complies with applicable laws prohibiting discrimination and harassment in employment, educational programs and admissions, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Americans With Disabilities Act of 1990, the Age Discrimination Act and the state law against discrimination, chapter 49.60 RCW.

Inquiries regarding compliance procedures and complaints may be directed to the college's Affirmative Action Officer: Mr. Greg Roberts, Executive Director, Human Resources, Affirmative Action Officer/Title IX Coordinator, 11605 132nd Ave NE, Kirkland, WA 98034, greg.roberts@lwtech.edu, (425) 739-8212 (425) 739-8122 (TDD)

Getting Started at LWTech

Get Ready...

- **Request Admissions and Program Information**

Email admissions@lwtech.edu or
Call (425) 739-8104 or
Fax (425) 739-8110; or,

Mail a request to: Enrollment Services
Lake Washington Institute of Technology
11605 132nd Avenue NE, Kirkland, WA 98034

Attend an LWTech Information Session:
Tuesdays from 10 am – Noon in W204F
Learn about our college, the admissions
process, and financial aid. Meet instructors,
explore training opportunities, and ask about
job opportunities in your field of interest.

Get Set...

- **Apply for Admissions**

Online at www.lwtech.edu or

Mail application to the address above; or in
person at Enrollment Services during business
hours—Mon. through Fri., 7:30 am – 4:30 pm.
Evening hours Tues. and Wed. until 6 pm.

- **Take Assessment Test and Submit Official Transcripts**

The COMPASS assessment test provides
placement information for math and English
courses and may be required for some technical
classes or programs. For more information call
(425) 739-8115.

To transfer credit from a previous college,
military training, or AP/IB, request official
transcripts and either bring them in or send to
Enrollment Services. Evaluations take 2-3 weeks
with results posted to your transcript.

- **Apply for Financial Aid**

Financial aid is available for qualified students.

To be considered for full funding, apply early.

Fill out the free application online at
www.fafsa.ed.gov or call (425) 739-8106
to have an application sent to you.

- **Attend Mandatory Orientation**

Orientations take place every Wednesday at 9 am
and Friday at 1 pm. During orientation you will
review degree or certificate requirements, learn
how to use online services to register for classes,
and learn about college culture and resources
available for students. (Please call Advising at
(425) 739-8300 to sign up.) You must attend
orientation before the college will activate a
registration code (PIN) for course registration.

* If you have attended another college you may
not need to attend.

Go...

- **Register for Classes and**

Attend an Academic Planning session to develop
your plan for completing a degree or certificate.
The college offers three sessions a week. Contact
advising at (425) 739-8300 for times and locations.
Remember that you must pay tuition by the start
of the quarter. You may pay online or in person.
Contact Enrollment Services at (425) 739-8104
for additional details.

Admission to Lake Washington Institute of Technology

Admission requires that students have a high school
diploma or equivalent or be at least 18 years of age or
older. Apply online at www.lwtech.edu.

Students enrolling in credit classes at LWTech, must apply
for admission.

Students 16 to 21 years old who have not graduated
from high school may be able to enroll through Lake
Washington Technical Academy. See **High School
Program Admission** below.

International Student Programs

Lake Washington Institute of Technology is committed
to providing an excellent educational experience
for international students. We value the diversity of
perspectives and experiences international students
bring to the college, and are dedicated to making their
experience rewarding and memorable. International
Programs provides international student orientation,
workshops and seminars, mentorship program, personalized
individual attention, and specialized immigration and
visa support.

Intensive English Program (IEP)

No TOEFL score is required to enroll in classes. Designed
to prepare students for college level academic and
technical programs, the IEP assists international students
with their English skills for American college life.

Degree and Certificate Programs

International students are welcome to attend any of our
degree and certificate programs. To request application
materials or more information contact:

International Student Programs
Lake Washington Institute of Technology
11605 132nd Ave. NE, E126
Kirkland, WA 98034

Email: international.student@lwtech.edu

Fax: 1 (425) 739-8148

Phone: 1 (425) 739-8145

Web: www.lwtech.edu/international

Deadlines and Applications

For best service, please submit above materials at least one
quarter (3 months) before classes begin. Late applications
are accepted on a space-available basis. Contact our office
or visit our website for more information.

Visa Information

This school is authorized to sponsor students in F and J
non-immigrant visa classifications.

Tuition for International Students

Tuition information is available at:
www.lwtech.edu/tuition.

High School Program Admission

Through college-level job training programs, Lake
Washington Institute of Technology supports students'
successful transition from high school to college and
then to work. Below is a brief summary of our programs,
including contact information.

Running Start

Qualified high school juniors and seniors can take
approved general education or technical credit classes
at LWTech. Consult with your high school counselor for
more information or contact the LWTech Running Start
coordinator at (425) 739-8180.

Tech Prep

High school students may earn credit toward a
degree or certificate at Lake Washington Institute of
Technology if they completed related coursework at

a high school that has a Tech Prep agreement with the college. For more information, contact your high school counselor or Kim Infinger (Lake Washington Institute of Technology), Principal and Dean of High School Programs, (425) 739-8107.

Adult High School Completion

Students who are 18 years or older may earn a high school diploma through the college. An official transcript of previous work is required prior to appointment. Interested students should make an appointment for a transcript evaluation by calling (425) 739-8107. Credit and course requirements are prescribed by the State of Washington.

Students are required to complete a minimum of one course at LWTech in order to be eligible. Alternatively, students who are 21 or older and have earned an associate's degree from LWTech can be awarded the adult high school diploma.

Lake Washington Technical Academy

A unique high school program combining job training, certificate or degree completion, and ability to complete a high school diploma.

Here's an opportunity to get a head start on preparing for the world of work while completing credits for a high school diploma. Lake Washington Technical Academy, accredited by the *Northwest Accreditation Commission (NWAC)*, is for students who are *16 to 20 years old, are high school juniors or seniors, are self motivated, capable of setting and achieving individual goals, and willing to take personal responsibility for their success.

Vocational job training, general education and high school basic education classes are part of this plan. Students complete work for a Lake Washington Technical Academy diploma.

Students must meet GPA and other requirements for admission to Lake Washington Technical Academy. Enrollment is limited.

*Students must be 16 by September 1 for admission.

Gateway to College

The Gateway to College High School Completion Program is for *16 to 20 year olds who have dropped out, or are at risk of dropping out, and are interested in returning to school and completing their high school diploma. While earning their high school diploma, students earn credits toward a college degree. Gateway to College students learn how to succeed in an educational setting, under the guidance of a caring team of instructors and student support specialists with experience and interest in at-risk youth.

Students must meet admission criteria for Gateway to College. Enrollment is limited.

Underage Enrollment

Generally students must be 18, or have a high school diploma, or GED to enroll in Lake Washington. Students who are high school juniors or seniors are referred to the Lake Washington Technical Academy, Gateway to College or Running Start to explore eligibility through those programs.

If a student is not participating in these programs and wishes to register for a *single* course at Lake Washington, and this course is not specifically designed for a younger student, he/she may be considered for enrollment in this course in cases of exceptional circumstances. Such students must be (1) at least 14 and (2) at least in 9th grade at the time the course starts. (Courses that are specifically designed for underage students do not require an exception.) Regular tuition rates and fees apply. Students must purchase required textbook and materials. Steps for enrollment include obtaining certain scores on the COMPASS placement test and approval from their high school counselor. Please call the High School Programs office at (425) 739-8107 for more information.

For information on enrolling in any Lake Washington High School Program

- Visit our website at www.lwtech.edu/academy
- Call Lake Washington High School Programs office at (425) 739-8107

How to Read Credit Course Descriptions

Common Course Numbering The ampersand (&) identifies community and technical colleges' equivalent courses, which makes course transfer between and among community and technical colleges easier for students, advisers and receiving institutions.

Course Letters & Numbers **BIOL& 100**

Course Title **Survey of Biology**

Credits **5cr**

Off Campus Classes held anywhere other than the Kirkland Campus are considered off-campus locations—see Branch Codes below for exact location.

1502 11/8 10/5/13-11/31/13 DAILY 8:30am-9:30am Feldman M Fee: \$50

Item Number

Section/Branch Number

Course Dates

Course Days

Instructor Name


Course Times

Lab/Supply Fee

Course Description Key

DAY CODES		BRANCH CODES		ARR=Arranged
M	Monday	Blank	LWTech Kirkland Campus	TBA=To Be Announced
T	Tuesday	R	LWTech Redmond Campus	
W	Wednesday	IB	I-BEST Class	
Th	Thursday	AC	Accelerated Math	
F	Friday	LC	Learning Communities	
Sa	Saturday			
Su	Sunday			

#LEARNING

 = eLearning Courses

eLearning courses have the following section numbers:

W1-W9	WAOL online
L1-L9	LWTech online
H1-H9, H21	LWTech Hybrid online
E1-E9	Ed2go online
G1-G9	Gatlin online
SP	Self-paced
A1	Computer Assisted

For detailed information see page 26.

COMMON COURSE NUMBERING

& (BIOL&)=Common course numbering was established in 2008 to help students identify courses they have taken at one Washington school that is the same at another Washington school and the course will transfer For more information contact the LWTech Admissions Office, (425) 739-8104.

DEFINITIONS

Coreq	the other course(s) must be taken at the same time as this course
Prereq	the other course(s) must be taken before this course
Requisite	required for this course

Bachelor of Technology in Applied Design Degree Program

This program will prepare you to lead and collaborate with teams of creative and technical professionals. You'll learn management skills with a design-related focus.

The program's hybrid/evening format allows you to take classes at night and online. If you have an AAS degree in a design-related field, you're ready to start your application.

Next Info Sessions:

Wednesday, May 7, 2014
Monday, July 7, 2014

West Building - W406

4:30pm Q&A | 5:00pm Presentation

lwtech.edu/btad

Bachelor of Technology in Applied Design

The Bachelor of Technology in Applied Design is designed to prepare students to lead design teams and serve as project managers. Graduates will be able to use technology, manage teams and projects, and create competitive advantages for business enterprises. For more information please call (425) 739-8300 or email info@lwtech.edu.

APDZ 399 Special Projects 1-5cr
1095 H21 M 6:00pm-8:50pm Ater S

ENGL 335 Technical Writing for Designers 5cr
Prereq: Admission to BTAD program or instructor permission.
1825 H21 MW 6:00pm-8:30pm Staff

Adult Basic Education

The Adult Basic Education program welcomes all adult students who want to improve their basic skills in reading, writing, speaking, spelling, vocabulary, grammar, problem-solving and math. For more information please call (425) 739-8300 or email info@lwtech.edu.

ABED 010 ABE Orientation 1cr
CASAS placement test and WABERS demographic form, or instructor permission

1000 H1 M ARR ARR Staff
1005 H1 M ARR ARR Staff

ABED 024 Writing Fundamentals 6cr
Prereq: Appropriate CASAS and writing scores and instructor's permission.

1010 01 TTh 9:00am-12:30pm Staff
1015 21 MW 6:00pm-9:30pm Staff

Bachelor of Applied Science in Public Health Degree Program

This information session will present a detailed overview of the Bachelor of Applied Science in Public Health curriculum, philosophy and how to begin the admission process. This new bachelor's degree program provides a pathway for current workers to upgrade their skills and earn new credentials. The program begins September, 2014.

Next Info Sessions:

Thursday, May 8, 2014
Thursday, June 12, 2014
Thursday, July 10
Thursday, August 7

Allied Health Building - A102
5:00pm Presentation

lwtech.edu/publichealth

ABED 030 Adult Basic Education Math I 2cr
Prereq: Instructor permission.

1020 01 ARR ARR Staff

ABED 040 Adult Basic Education Math II 5cr
Prereq: ABED 030, equivalent placement score, or instructor permission.

1025 01 ARR ARR Staff
1030 02 MTWTh 10:00am-11:25am Staff

ABED 046 Writing 5cr
Prereq: Equivalent placement score or instructor permission.

1035 01 MTWTh 9:45am-11:15am Staff
1040 21 TTh 5:30pm-8:20pm Staff

ABED 049 Structured GED Preparation 5cr
Prereq: Minimum CASAS Reading score and instructor permission.

1045 01 MTWTh 11:30am-12:55pm Staff

ABED 054 Online Grammar & Writing for Advanced ESL 3cr

Prereq: EASL 050 or equivalent placement.
1050 L1 M ARR ARR Staff

American Sign Language

ASL& 121 American Sign Language I 5cr
1195 21 TTh 5:30pm-8:20pm Staff

ASL& 122 American Sign Language II 5cr
Prereq: ASL& 121.
1200 21 MW 5:30pm-8:20pm Staff

Architectural Graphics

See Engineering Graphics on page 14.

Bachelor of Applied Science in Transportation and Logistics Management Degree Program

This information session will present a detailed overview of the Bachelor of Applied Science in Transportation and Logistics Management curriculum, philosophy and how to begin the admission process. This new bachelor's degree program provides a pathway for current workers to upgrade their skills and earn new credentials. The program begins September, 2014.

Next Info Sessions:

Monday, April 28, 2014
Wednesday, May 14, 2014
Thursday, June 5, 2014

Allied Health Building – A102
6:00pm Presentation
lwtech.edu/bt1m

Art

ART 102	Beginning Two-Dimensional Design	5cr
1175 01	MW 1:30pm-5:00pm Ater S	Fee: \$75
ART 121	Introduction to Drawing	5cr
1180 01	MW 9:00am-12:30pm Gilbert R	Fee: \$75
ART 140	Photography Appreciation	5cr
1185 01	ARR ARR Staff	Fee: \$75
ART& 100	Art Appreciation	5cr
1190 11	ARR ARR Chappell S	Fee: \$75

Auto Collision Repair Technician

The Auto Collision Repair Technician program prepares students for entry-level positions in the auto body repair and refinishing industry. The laboratory area simulates an actual industry repair environment and includes high-technology autobody and refinishing equipment. Students spend their first quarter of training in a transportation core curriculum series. The remaining quarters are spent developing general automotive autobody and refinishing skills. For more information please call (425) 739-8300 or email info@lwtech.edu.

TRAN 110	Computer Basics/Transportation Trades	2cr
Prereq: ABED 040 or Math 070; and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.		
2755 01	DAILY 7:00am-1:20pm Knigge H	Fee: \$40

New Student Orientation

Wednesdays 9–11am
Fridays 1–3pm
Room W204F

Contact Advising at (425) 739-8300 or advising@lwtech.edu with questions.

Program Visits

See page 28 for contact information to set up a program visit. We invite you to call or email us with your questions. Information on the programs listed can be obtained by contacting instructors directly or calling the Advising office at (425) 739-8300 or emailing info@lwtech.edu. Advisers are available to answer your questions.

Build Your Success in the Academic Skills Center



- Math Center (T413)
- Writing Center (T217)
- Computer Lab (T215H)
- Refresher Courses in Math, Reading, Grammar, GED, & ESL (T217)
- Peer Tutoring (T217)

The Academic Skills Center (ASC) is open 8am to 4:30pm, Monday through Thursday; 5:30pm to 8:00pm, Tuesday and Wednesday; and 8:00am to Noon, Friday.

For more information:
call (425) 739-8331 or go to
www.lwtechlearningcommons.com

TRAN 112	Shop and Business Practices	5cr
Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.		
2775 01	DAILY 7:00am-1:20pm Knigge H	Fee: \$100
TRAN 113	Basic Electrical Systems	4cr
Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.		
2800 01	DAILY 7:00am-1:20pm Knigge H	Fee: \$80
TRAN 125	Mechanical Principles	5cr
Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.		
2820 01	DAILY 7:00am-1:20pm Knigge H	Fee: \$100

ACRT 125 Refinishing Products, Tools, & Equipment 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, and TRAN 125, or instructor permission. Coreq: ACRT 126, ACRT 225, and ACRT 226, or instructor permission.
 1055 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ACRT 126 Surface Preparation, Masking, & Detailing 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, and TRAN 125, or instructor permission. Coreq: ACRT 125, ACRT 225, and ACRT 226, or instructor permission.
 1060 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ACRT 225 Refinishing Application Procedures 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission. Coreq: ACRT 125, ACRT 126, ACRT 226, or instructor permission.
 1065 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ACRT 226 Color Mixing, Matching & Paint Problems 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission. Coreq: ACRT 125, ACRT 126, ACRT 225, or instructor permission.
 1070 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

GATEWAY to COLLEGE

A second chance
 for students who
 have dropped out
 and students on the verge of dropping
 out of high school. For more information
 please call (425) 739-8107.

www.lwtech.edu/academy



ACRT 285 Advanced Non-Structural Repair 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 266, ACRT 267, ACRT 268.
 1075 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ACRT 266 Advanced Structural Repair 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 265, ACRT 267, ACRT 268.
 1080 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ACRT 267 Advanced Refinishing 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 265, ACRT 266, ACRT 268.
 1085 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ACRT 268 Advanced Estimating & Shop Management 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 265, ACRT 266, ACRT 267.
 1090 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

Auto Restoration

ARST 211 Introduction to Automotive Restoration 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 212, ARST 213, ARST 216.
 1155 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ARST 212 Automotive Restoration Repairs 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 211, ARST 213, ARST 216.
 1160 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ARST 213 Auto Restoration Refinishing 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 211, ARST 212, ARST 216.
 1165 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

ARST 216 Auto Restoration Estimating 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 211, ARST 212, ARST 213.
 1170 01 DAILY 7:00am-1:20pm Hicks J Fee: \$80

Get the Most out of your College Experience!



**Applications are
being accepted now!
Apply in E128.**

Get Involved in Student Government!

Benefits to being an ASG Officer:

- Work as a team
- Develop and hone leadership skills
- Make lasting and impactful change for students

Want to know more?

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Automotive Repair Technician

This program prepares students for employment in automotive dealership service centers, independent repair shops, and specialty or customized shops. Students spend their first quarter of training in a transportation core curriculum series. In addition this program includes preparation for the ASE (Automotive Service Excellence) certification. For more information please call (425) 739-8300 or email info@lwtech.edu.

TRAN 110 Computer Basics/Transportation Trades 2cr

Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.

2760 01 DAILY 7:00am-1:20pm Knigge H Fee: \$40

TRAN 112 Shop and Business Practices 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.

2780 01 DAILY 7:00am-1:20pm Knigge H Fee: \$100

TRAN 113 Basic Electrical Systems 4cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.

2805 01 DAILY 7:00am-1:20pm Knigge H Fee: \$80

TRAN 125 Mechanical Principles 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.

2825 01 DAILY 7:00am-1:20pm Knigge H Fee: \$100

AUTO 134 Engine Performance-Ignition 4cr

Prereq: AUTO 120, AUTO 124, or instructor permission. Coreq: AUTO 135, AUTO 136, AUTO 138.

1205 01 DAILY 7:00am-1:20pm Koreski N Fee: \$40

AUTO 135 Engine Performance-Fuel 4cr

Prereq: AUTO 120, AUTO 124, or instructor permission. Coreq: AUTO 134, AUTO 136, AUTO 138.

1210 01 DAILY 7:00am-1:20pm Koreski N Fee: \$40

AUTO 136 Engine Performance-Emissions 4cr

Prereq: AUTO 120, AUTO 124, or instructor permission required. Coreq: AUTO 134, AUTO 135, AUTO 138.

1215 01 DAILY 7:00am-1:20pm Koreski N Fee: \$40

AUTO 138 Engine Performance-Computer Control 4cr

Prereq: AUTO 120, AUTO 124, or instructor permission required. Coreq: AUTO 134, AUTO 135, AUTO 136.

1220 01 DAILY 7:00am-1:20pm Koreski N Fee: \$40

AUTO 210 Engines, Cylinder Blocks, Cooling Systems 10cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 215, AUTO 220, AUTO 225.

1225 01 DAILY 7:00am-1:20pm Richmond M Fee: \$100

AUTO 215 Air Conditioning Service 8cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 210, AUTO 220, AUTO 225.

1230 01 DAILY 7:00am-1:20pm Richmond M Fee: \$60

AUTO 220 Automatic Transmission & Transaxles 8cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 210, AUTO 215, AUTO 225.

1235 01 DAILY 7:00am-1:20pm Peterson J Fee: \$80

AUTO 225 Manual Transmission & Transaxles 8cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 220.

1240 01 DAILY 7:00am-1:20pm Peterson J Fee: \$80

AUTO 298 Job Search & Employability Skills 1cr

Prereq: Instructor permission.

1245 01 ARR ARR Koreski N

Baking Arts

The Baking Arts program prepares students for employment opportunities in a professional pastry kitchen, bakeshop, or business with professional product lines. Students develop academic knowledge and occupational skills that are required for job acquisition, retention and advancement. The Baking Arts program and degree is recognized and accredited by the American Culinary Federation (ACF). In addition, graduates will earn a variety of National Restaurant Association Educational Foundation (NRAEF) certifications to add to their portfolio. Upon graduation, students will be eligible to receive their initial ACF certifications at the Certified Pastry Culinarian (CPC) level. For more information please call (425) 739-8304 or email Janet.Shaffer@lwtech.edu.

BAKE 122 Artisan Bread 7cr

Prereq: CULA 127.

1250 01 TWTH 8:30am-1:00pm Waters J Fee: \$70

BAKE 124 Centerpiece Construction 3cr

1255 01 F 8:00am-11:45am Waters J Fee: \$30

Looking for a path to a 4-year degree?

Consider the following Programs:

- Business DTA/MRP
- Construction Management DTA/MRP
- Math Education DTA/MRP
- Pre-Nursing DTA/MRP
- Technology DTA/MRP

For more information:
(425) 739-8300
info@lwtech.edu



Interested in classic car restoration?

Consider a career in Auto Restoration.

See program on pages 8 and 32.

CREDIT COURSE LISTINGS

Biology

BIOL&175 Human Biology w/Lab 5cr

Prereq: ENGL 092 or ENGL 093, MATH 070.

1260 01 TTh 8:00am-11:50am Staff Fee: \$50

1265 21 MW 5:30pm-9:20pm Staff Fee: \$50

BIOL&211 Cellular Biology 5cr

Prereq: ENGL 092 or 093 or equivalent placement score.

1270 01 MF 8:00am-10:30am Staff Fee: \$50

1275 21 MW 5:30pm-9:20pm Staff Fee: \$50

BIOL&241 Human A & P 1 6cr

Prereq: BIOL& 211 or instructor permission.

1280 01 MWF 8:00am-10:45am Staff Fee: \$60

1285 21 TTh 5:30pm-9:45pm Staff Fee: \$60

1290 H1 TTh 1:10pm-5:20pm Staff Fee: \$60

BIOL&242 Human A & P 2 6cr

Prereq: BIOL&241 or instructor permission.

1295 01 MWF 8:00am-10:45am Staff Fee: \$60

1300 21 TTh 5:30pm-9:45pm Staff Fee: \$60

BIOL&260 Microbiology 5cr

Prereq: CHEM&121, Biol&211.

1305 01 TTh 8:00am-12:15pm Staff Fee: \$50

1310 21 TTh 5:30pm-9:45pm Staff Fee: \$50

Building & Plant Maintenance

Building and Plant Maintenance AAS graduates will be prepared to work in building and office complexes, food processing plants, and a wide variety of industrial and manufacturing plants. This program includes preparation for Boiler and Refrigeration certifications. Students will also receive instruction on lean manufacturing techniques, sustainable energy practices, and will be prepared to pursue other educational and certification opportunities in these fields. For more information please call Dana Jacallen at (425) 739-8342 or email dana.jacallen@lwtech.edu.

BPMT 210 Electronic Principles and Operation 6cr

Prereq: ABED 040 or MATH 070, and ABED 046 or equivalent placement scores. Coreq: BPMT 215.

1315 01 DAILY 7:00am-1:20pm Jacallen D Fee: \$60

BPMT 215 Programmable Controls Principles and Operation 10cr

Prereq: ABED 040 or MATH 070, and ABED 046 or equivalent placement scores. Coreq: BPMT 210.

1320 01 DAILY 7:00am-1:20pm Jacallen D Fee: \$100

Business

BUS& 101 Introduction to Business 5cr

Prereq: MATH 080, ENGL 100 or equivalent placement scores.

1405 L1 TTh ARR ARR Staff

Business Technology

The Business Technology program is designed to meet the growing need for professionally trained support professionals. The primary goal is to prepare students to use the various software applications in the work environment as a support tool to enhance day-to-day business operations. For more information please call (425) 739-B300 or email info@lwtech.edu.

BTE 101 Computer Applications 2cr

1325 H1 TTh 1:30pm-3:15pm Staff Fee: \$12

1330 L1 TTh ARR ARR Staff Fee: \$12

BTE 105 Keyboarding I 3cr

1335 H1 TTh 10:30am-12:20pm Staff Fee: \$18

1340 L1 TTh ARR ARR Staff Fee: \$18

BTE 106 Keyboarding II 3cr

Prereq: BTE 105 or instructor permission.

1345 H1 TTh 10:30am-12:20pm Staff Fee: \$18

1350 L1 TTh ARR ARR Staff Fee: \$18

BTE 107 Keyboarding III 3cr

Prereq: BTE 106 or instructor permission.

1355 H1 TTh 10:30am-12:20pm Staff Fee: \$18

1360 L1 TTh ARR ARR Staff Fee: \$18

BTE 111 Word I 5cr

1365 H1 MW 1:10pm-5:40pm Staff Fee: \$30

BTE 112 Excel I 5cr

Prereq: BTE 120 or instructor permission.

1370 H1 TTh 1:10pm-5:40pm Staff Fee: \$30

BTE 120 Business Computer Management 5cr

1375 H1 MW 9:00am-1:30pm Staff Fee: \$30

BTE 124 PowerPoint 4cr

1380 01 MW 1:10pm-5:10pm Staff Fee: \$24

BTE 191 Customer Service/Help Desk 3cr

1385 L1 TTh ARR ARR Staff

Chemistry

CHEM&121 Intro to Chemistry 5cr

Prereq: ABED 046 or ABED 053, and MATH 09B or MATH 099, or equivalent placement scores.

1410 01 TTh 8:00am-11:50am Staff Fee: \$50

1415 21 TTh 5:30pm-9:20pm Staff Fee: \$50

CHEM&131 Introduction to Organic/Biochemistry 5cr

Prereq: CHEM& 121.

1420 21 MW 5:30pm-9:20pm Staff Fee: \$50

Civil Engineering Graphics

See Engineering Graphics on page 14.

College Success

HMDS 111 College Strategies 2cr

Prereq: ABED 046.

2065 01 TTh 1:00pm-2:20pm Staff

ENGL 065 Spelling Improvement 1-2cr

Prereq: ASC instructor permission.

1760 01 ARR ARR Staff

ENGL 067 Vocabulary Development 1-3cr

Prereq: ASC Instructor permission.

1765 01 ARR ARR Staff

ENGL 096 The Grammar of Writing 1cr

Prereq: ENGL 095 or equivalent placement score.

1785 01 ARR ARR Staff

ENGL 097 Reading Comprehension 1cr

Prereq: ENGL 095, ENGL 096, or equivalent placement score.

1790 01 ARR ARR Staff

Business Technology

Check out our
Business Technology
program on this
page and on page 34.



Communication Studies**CMST&210 Interpersonal Communication 5cr**

Prereq: ABED 045 or ABED 046 or equivalent placement score.

1430 01 MW 10:00am-12:50pm Staff

1435 02 TTh 1:30pm-4:20pm Staff

CMST&220 Introduction to Public Speaking 5cr

Prereq: ABED 045 or ABED 046 or equivalent placement score.

1440 01 TTh 1:30pm-4:20pm Staff

1445 21 TTh 5:30pm-8:20pm Staff

CMST&230 Small Group Communication 5cr

Prereq: ABED 045 or ABED 046 or equivalent placement score.

1450 H21 M 5:30pm-8:20pm Staff

Computer Security & Network Technician

The Computer Security and Network Technician program is designed to prepare the student for a career in the area of microcomputer technical support, such as service technicians, software technicians, network technicians, computer operators, installers, trouble shooters, salespersons, help desk technicians, and network administrators. Students will enhance their computer skills to assist in network design, security implementation and forensics investigations. For more information please call (425) 739-8300 or email info@lwtech.edu.

CSNT 170 A+ Certification Test Preparation 5cr

Prereq: CSNT 116 or instructor permission.

1455 01 TTh 8:00am-11:50am Everest M Fee: \$75

CSNT 171 Network+ Certification Preparation 3cr

Prereq: CSNT 232 or instructor permission.

1460 01 MW 9:30am-Noon Waddington M Fee: \$45

CSNT 294 Resumes and Interviews 3cr

1465 01 MW 7:00am-9:30am Waddington M Fee: \$45

Cooperative Work Experience**CWEX 190 Cooperative Work Experience Seminar I 1cr**

Coreq: CWEX 197.

1525 01 ARR ARR Staff

CWEX 197 Cooperative Work Experience I 1-5cr

Prereq: Instructor permission.

1530 01 ARR ARR Staff

CWEX 290 Cooperative Work Experience Seminar II 1cr

Coreq: CWEX 297.

1535 02 ARR ARR Staff

CWEX 297 Cooperative Work Experience II 1-5cr

Prereq: Instructor permission.

1540 01 ARR ARR Staff

Criminal Justice**CJ& 01 Introduction to Criminal Justice 5cr**

Prereq: ENGL 093.

1425 01 TTh 1:30pm-4:20pm Staff

Culinary Arts

Students prepare to work in a commercial kitchen including restaurants, cafeterias, delis and other specialty shops. Curriculum includes basic cooking principles, terminology and food handling practices. The program incorporates every facet of running a commercial restaurant. Wait staff, all stations of line cooking, inventory, production of daily specials, manager work, sauce preparation, and maintenance of commercial equipment are included. MATH 070 or equivalent placement scores is required. For more information please call (425) 739-8300 or email info@lwtech.edu.

CULA 116 Culinary Skills and Concepts 9cr

Prereq: Prereq: ABED 046 and MATH 070 or equivalent placement score, or instructor permission. Coreq: CULA 12B.

1470 01 DAILY 11:00am-2:00pm Stockmann M Fee: \$90

CULA 119 Intermediate Culinary Skills & Concepts 9cr

Prereq: CULA 116, CULA 12B.

1475 01 TWThF 8:00am-10:50am Stockmann M Fee: \$90

CULA 120 Restaurant Fundamentals 9cr

Prereq: CULA 124 or instructor permission.

1480 01 TWThF 9:00am-2:00pm Dimeo M Fee: \$90

CULA 124 Introduction to the Front of House 9cr

Prereq: CULA 116, CULA 12B, or instructor permission.

1485 01 WThF 10:00am-2:00pm Keigley M Fee: \$90

T 10:00am-Noon

CULA 127 Introduction to Baking 12cr

Prereq: CULA 116, CULA 12B, or instructor permission.

1490 01 MTWTh 8:00am-12:50pm Waters J Fee: \$120

CULA 142 Costing and Menu Planning 3cr

Prereq: CULA 116, CULA 12B, or instructor permission.

1495 01 Th 2:15pm-5:30pm Keigley M Fee: \$30

CULA 143 Wine & Food Pairing 3cr

Prereq: Must be at least 21 years old.

1500 01 T 2:15pm-5:00pm Staff Fee: \$30

CULA 144 American, Regional, Intern and Classic Cuisine 4cr

Prereq: CULA 119 or instructor permission.

1505 01 MW 2:15pm-5:30pm Dimeo M Fee: \$40

CULA 154 Food and Beverage Procurement 3cr

Prereq: CULA 116, CULA 12B.

1510 01 T 2:15pm-5:30pm Keigley M Fee: \$30

CULA 196 Internship/Externship/Cooperative 5cr

Prereq: CULA 120 or BAKE 122, and instructor permission.

1515 01 ARR ARR Staff Fee: \$50

Student Payment Plan

- Pay for quarterly tuition and fees in automatic monthly installments at minimal cost
- Follow the link at www.lwtech.edu/ppan to enroll
- Missed payment fees may apply
- For more information visit www.lwtech.edu/ppan or contact Student Accounts at (425) 739-8184

SCHOLARSHIPS

They're closer than you think!

Visit the LWIT Foundation for a list of scholarships, deadlines and to apply through STARS online

www.lwtech.edu/foundation

STARS Online
Scholarship Tracking and Review System

Allied Health Information Sessions

Nursing

Tues, Jul 22 5pm	Tues, Aug 12 5pm
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Dental Hygiene

Tues, Jul 8 5pm	Tues, Aug 19 5pm
Tues, Jul 29 5pm	

Physical Therapist Assistant

Tues, Jul 15 5pm	Tues, Aug 26 5pm
Tues, Aug 5 5pm	

Learn about many of LWTech's popular healthcare programs, including admission requirements and how to get started.

Presented by LWTech Advising staff.

West Building, Room 204F



For more information about the Allied Health programs go to www.lwtech.edu/selectiveadmission

Dental Hygiene Prerequisite Offerings

Below is the list of prerequisites for the Dental Hygiene program

CHEM& 121	Intro to Chemistry	5cr
CHEM& 131	Intro to Organic/Biochemistry	5cr
CMST	CMST 210 or 220	5cr
NUTR& 101	Nutrition for Healthcare Professionals	5cr
BIOL& 241	Human A & P 1*	6cr
BIOL& 242	Human A & P 2	6cr
BIOL& 260	Microbiology	5cr
ENGL& 101	English Composition I	5cr
MATH	Math 107 or college level with Math 99 as prerequisite	5cr
PSYC& 100	General Psychology	5cr
SOC& 101	Intro to Sociology	5cr

* BIOL& 211 must be completed before this class

Some students need additional classes. To make sure you are on track to complete all admission requirements, please attend an information session. Dates and locations can be found at www.lwtech.edu/selectiveadmission



Education for the job you want

LWTech Information Sessions

Every Tuesday
10am to Noon,
West Building,
W204F

visit our website at www.lwtech.edu
or call (425) 739-8104
for more information

Dental Assistant

The Dental Assistant program prepares students with the background, knowledge, and specialized skills for a career in the dental profession. Students will be eligible to take the ADA Dental Assisting Certification Examination. For more information please call (425) 739-8300 or email info@lwtech.edu.

DENT 121 Dental Assisting Practicum I 6cr

Prereq: DENT 112, DENT 114, DENT 117 or instructor permission.

1545 01 DAILY 8:00am-Noon Kendrick S Fee: \$120

DENT 124 Study of the Human Body 4cr

1550 01 Th 1:00pm-5:30pm Frost M

DENT 126 Radiology 3cr

Prereq: DENT 112, DENT 113, DENT 114, DENT 117.

1555 01 M 9:00am-11:50am Kendrick S Fee: \$60

DENT 127 Dental Materials II 3cr

Prereq: DENT 115, DENT 117 or instructor permission.

1560 01 M 1:00pm-4:00pm Beatty C Fee: \$60

DENT 211 Dental Assisting Practicum III 4cr

Prereq: DENT 112, DENT 114, DENT 117, DENT 127, DENT 131, DENT 133, DENT 136, DENT 137 or instructor permission.

1565 01 MTWTh 8:00am-Noon Jain S Fee: \$80

DENT 214 Pharmacology & Nutrition 3cr

Prereq: DENT 131, DENT 133, DENT 136, DENT 137, or instructor permission.

1570 01 MT 1:00pm-4:00pm Jain S

DENT 215 Workplace Preparation 2cr

Prereq: DENT 112, DENT 114, DENT 117, DENT 127 or instructor permission.

1575 01 F 8:00am-2:30pm Jain S

DENT 294 Dental Assisting Internship 6cr

Prereq: DENT 131, DENT 133, DENT 136, DENT 137, Coreq: DENT 211, DENT 214, DENT 215.

1580 01 ARR ARR Toner M

Attention Employers!

- Looking for qualified employees for part-time or full-time opportunities?
- Need people trained in technical skills?

Post your employment opportunities for FREE on Career Services Online: www.lwtech.edu/postajob

Questions? Call our Employment Resource Center (425) 739-8113 or email job.placement@lwtech.edu

West Building, W207

11605 132nd Avenue NE, Kirkland, WA 98034



Parent Education

Parent Education is a cooperative effort between parents and educators to provide an active learning environment for both parents and children. Programs are available for families of infants through preschool age children. Each site has a well-developed early childhood environment that provides children exciting learning opportunities and serves as the lab for the parents. The programs include day and evening classes for parents to discuss topics and explore new ideas. To register, and for school-specific information, contact the registration coordinator at the location nearest you. For general information call (425) 739-8100, x8764 or email kristine.anderson@lwtech.edu

Kirkland Co-op Preschool

Location: Lake Washington Methodist Church
7525 132nd Ave. NE
Kirkland, WA 98033
(425) 867-0818
www.kirklandcoop.com

Redmond Co-op Preschool

Location: Redmond United Methodist Church
16540 NE 80th
Redmond, WA 98052
(425) 885-2888
www.rcpreschool.org

Lake Washington Toddler Group

Location: Totem Square
12057 124th Ave. NE
Kirkland, WA 98034
(425) 827-6940
www.lwtg.net

Redmond Parent/Toddler Group

Location: 17725 NE 65th St., Suite A100
Redmond, WA 98052
(425) 869-5605
www.redmondtoddler.org

Woodinville Toddler Group

Location: Northshore United Church of Christ
18900 NE 168th Ave. NE
Woodinville, WA 98072
(425) 939-1661
www.woodinvilletoddlergroup.com

Northshore Community Co-op Preschool

Location: Bothell United Methodist Church
18515 92nd Ave. NE
Bothell, WA 98011
(425) 485-4860
www.northshorecoop.org

Dental Hygiene

The Dental Hygiene program prepares the student for employment as a dental hygienist. Students, upon graduation, are eligible to take the National Board Examination and the clinical licensing examination. For more information please call (425) 739-8300 or email info@lwtech.edu.

DHYG 142 Dental Hygiene Practice IV 6cr

Prereq: DHYG 132, DHYG 133, DHYG 134, DHYG 135, DHYG 136, DHYG 138.

1600 01 W 1:00am-3:00pm Davis B Fee: \$300

DHYG 143 Restorative Dentistry IV 1cr

Prereq: DHYG 132, DHYG 133, DHYG 134, DHYG 135, DHYG 136, DHYG 138.

1605 01 MTWTh 8:00am-Noon Ko C Fee: \$50

DHYG 145 Community Dental Health II 1cr

Prereq: DHYG 132, DHYG 133, DHYG 134, DHYG 135, DHYG 136, DHYG 138.

1610 01 F 8:00am-1:00pm Lindeman D Fee: \$50

DHYG 218 Periodontology II 2cr

Prereq: DHYG 132, DHYG 133, DHYG 134, DHYG 135, DHYG 136, DHYG 138. Coreq: DHYG 142, DHYG 143, DHYG 145

1615 01 T 1:00pm-4:00pm Davis B

Diesel & Heavy Equipment Technician

Students learn how to diagnose problems and perform repairs on various vehicle components in the trucking and heavy equipment industry. Students spend their first quarter of training in a transportation core curriculum series. The laboratory area simulates an industry environment. Students who have met the course objectives may be placed in a cooperative work experience to further develop their skills on the job. For more information please call (425) 739-8300 or email info@lwtech.edu.

TRAN 110 Computer Basics/Transportation Trades 2cr

Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.

2765 01 DAILY 7:00am-1:20pm Knigge H Fee: \$40

TRAN 112 Shop and Business Practices 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.

2785 01 DAILY 7:00am-1:20pm Knigge H Fee: \$100

TRAN 113 Basic Electrical Systems 4cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.

2810 01 DAILY 7:00am-1:20pm Knigge H Fee: \$80

TRAN 125 Mechanical Principles 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.

2830 01 DAILY 7:00am-1:20pm Knigge H Fee: \$100

DHET 231 Steering/Suspension/Frames 5cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125.

1585 01 DAILY 7:00am-1:20pm Smith G Fee: \$50

DHET 232 Pneumatics 5cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125.

1590 01 DAILY 7:00am-1:20pm Smith G Fee: \$50

DHET 233 Foundation Brakes 5cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125 and completion of, or concurrent enrollment in DHET 232.

1595 01 DAILY 7:00am-1:20pm Smith G Fee: \$50

Early Childhood Education

Gain theoretical knowledge through evening classroom lectures; practical experience takes place in college lab and in family and center based programs where students are employed. Some courses require lab hours in addition to the lecture hours listed below. Students who are employed in a D.E.L. licensed facility may be use their work site to meet lab requirements. Students intending to pursue either a certificate or AAS degree should take ECED& 139, ECED 212, and ECED&215 concurrently. For more information please call (425) 739-8358 or email info@lwtech.edu

ECED 212 Staff/Program Management 5cr

Prereq: ABED 046, ABED 040 or MATH 070. Coreq: ECED 215.

1720 21 TTh 6:30pm-9:55pm Staff

ECED 215 Capstone Practicum 2cr

Prereq: Instructor permission.

1725 21 TTh 6:30pm-9:55pm Staff

ECED&100 CHILD CARE BASICS 3cr

8242 W1♂ ARR ARR Staff

8243 W1♂ ARR ARR Staff

Make a Difference

Check out our **Child Care Manager** program on this page and page 37.



Did you know...

Your child could go to school with you?

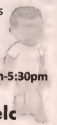
Lake Washington's Early Learning Center provides:

- Education and care for children of LWTech students & employees
- Community clients accepted on a space available basis
- Early childhood professional staff
- Nurturing, age-appropriate environment
- Active, stimulating curriculum

The Early Learning Center serves children ages 18 months & walking through 6 years old. Enrollment is accepted at any time.

Hours: Monday-Friday | 6:45am-5:30pm
Contact: (425) 739-8117

lwtech.edu/elc

**ECED&105 Intro to Early Childhood Education 5cr**

Coreq: ECED& 120.

5323 W1♂ ARR ARR Staff

ECED&107 Health, Safety, and Nutrition 5cr

8233 W1♂ ARR ARR Staff

ECED&139 Administration of Early Learning Programs 3cr

1730 21 TTh 6:30pm-9:55pm Staff

ECED&160 Curriculum Development 5cr

8232 W1♂ ARR ARR Staff

ECED&190 Observation and Assessment 3cr

1735 W1♂ ARR ARR Distance Ed

EDUC&130 Guiding Behavior 3cr

1745 W1♂ ARR ARR Distance Ed

EDUC&136 School Age Care 3cr

1750 W1♂ ARR ARR Distance Ed

EDUC&150 Child, Family and Community 3cr

Prereq: ABED 046, ABED 040 or MATH 070.

8293 W1♂ ARR ARR Staff

Economics**ECEN&201 Micro Economics 5cr**

Prereq: MATH 098 or MATH 099, ENGL 100, or equivalent placement scores.

1740 H1♂ T 10:00am-2:50pm Staff

Energy & Science Technician

The Energy & Science Technician AAS degree prepares students to work in both the public and private sectors. The program prepares students for employment as technicians in many areas such as biomedical and pharmaceutical laboratories, manufacturing operations, oil and gas companies, and environmental positions in public and private institutions. Graduates will also be qualified to serve as technical representatives across a range of industries that include developmental technologies in the renewable energy field. For more information please call (425) 739-8300 or email info@lwtech.edu.

STEC 198 Cooperative Work Seminar 1cr

Coreq: STEC 199

2745 01 ARR ARR Staff

STEC 199 Cooperative Work Experience 4cr

Coreq: STEC 198

2750 01 ARR ARR Staff

Engineering Graphics

The Engineering Graphics program offers in three areas of specialization: architectural, civil, and mechanical. Students interpret sketches, layouts, CAD designs, and written specs into detailed drawings/specs. Prepares students for careers with construction firms, product manufacturers, building design firms, and public or corporate engineering departments. For more information please call (425) 739-8300 or email info@lwtech.edu.

ARGT 111 Architectural Print Reading I 2cr

Prereq: ENGT 101 or instructor permission.

1100 01 MTWTh 11:30am-6:20pm Mandy R Fee: \$30

ARGT 121 Architectural Graphics 4cr

Prereq: ENGT 101 or instructor permission.

1105 01 MTWTh 11:30am-6:20pm Mandy R Fee: \$60

ARGT 131 Revit Architecture I 4cr

Prereq: ARGT 121 or instructor permission.

1110 21 MW 5:30pm-9:00pm Staff Fee: \$60

ARGT 132	Revit Architecture II	4cr	
Prereq: ENGT 131, ARGT 131.			
1115 21	MW 5:30pm-9:00pm	Staff	Fee: \$60
ARGT 225	Construction Management and Estimating	3cr	
Prereq: MATH 098 or MATH 099, ARGT 112, or instructor permission.			
1120 01	MTWTh 11:30am-6:00pm	Mandy R	Fee: \$45
ARGT 231	Commercial Building Systems	3cr	
Prereq: ARGT 112.			
1125 01	MTWTh 11:30am-6:20pm	Mandy R	Fee: \$45
ARGT 232	Commercial Design Drawings	4cr	
Prereq: ENGT 131, ARGT 222.			
1130 01	MTWTh 11:30am-6:20pm	Mandy R	Fee: \$60
ARGT 233	Commercial Construction Documents	4cr	
Prereq: ARGT 232.			
1135 01	MTWTh 11:30am-6:20pm	Mandy R	Fee: \$60
ARGT 261	Architectural Problems I	4cr	
Prereq: ENGT 132, ARGT 222.			
1140 01	MTWTh 11:30am-6:20pm	Mandy R	Fee: \$60
ARGT 262	Architectural Problems II	4cr	
Prereq: ARGT 222.			
1145 01	MTWTh 1:10pm-6:20pm	Mandy R	Fee: \$60
ARGT 275	Architectural Graphics Individual Projects	1-4cr	
Prereq: Instructor permission.			
1150 01	MTWTh 11:30am-6:20pm	Mandy R	Fee: \$60
ENGR 111	Engineering Graphics I	4cr	
Prereq: ENGT 101.			
1875 01	MTWTh 7:00am-10:50am	Staff	Fee: \$60
ENGR 113	Dimensioning With Drawings	4cr	
Prereq: MATH 080, ENGR 111 (as a pre or corequisite), or instructor permission.			
1880 01	MTWTh 7:00am-10:50am	Staff	Fee: \$60
ENGR 121	Graphic Problem Solving	4cr	
Prereq: ENGR 113 or instructor permission.			
1885 01	DAILY 7:00am-1:20pm	Staff	Fee: \$60
ENGR 123	Applied Dimensioning and Tolerancing	4cr	
Prereq: ENGR 113 or instructor permission.			
1890 01	DAILY 7:00am-1:20pm	Staff	Fee: \$60
ENGT 101	Engineering Introduction and Orientation	2cr	
Prereq: ABED 046 and ABED 040 or MATH 070.			
1895 01	MW 11:00am-12:50pm	Staff	Fee: \$30
ENGT 105	Engineering Computer Applications	2cr	
Prereq: ABED 046 and ABED 040 or MATH 070.			
1900 01	TTh 11:00am-12:50pm	Staff	Fee: \$30
ENGT 131	AutoCAD I	4cr	
Prereq: ENGR 113, or instructor permission.			
1905 01	MTWTh 8:00am-11:50am	Staff	Fee: \$60
ENGT 132	AutoCAD II	4cr	
Prereq: ENGT 131 (pre or corequisite) or instructor permission.			
1910 01	MTWTh 8:00am-11:50am	Staff	Fee: \$60
ENGT 141	Applied Materials Technology	4cr	
Prereq: ENGR 121 or instructor permission.			
1915 01	DAILY 7:00am-1:20pm	Short A	Fee: \$60
ENGT 202	Specialized Technical Employment Preparation	2cr	
Prereq: ENGT 102.			
1920 02	TTh Noon-1:50pm	Short A	Fee: \$30
ENGT 211	Applied Industrial Graphics	4cr	
Prereq: ENGT 122, ENGT 131, or instructor permission.			
1925 01	DAILY 7:00am-1:20pm	Staff	Fee: \$60
ENGT 225	SolidWorks for Engineering I	4cr	
Prereq: ENGT 131 or instructor permission.			
1930 01	DAILY 7:00am-1:20pm	Brown K	Fee: \$60
1935 21	TTh 5:30pm-9:00pm	Staff	Fee: \$60
ENGT 226	SolidWorks for Engineering II	4cr	
Prereq: ENGT 225 (pre or corequisite) or instructor's permission.			
1940 01	DAILY 7:00am-Noon	Brown K	Fee: \$60
1945 21	TTh 5:30pm-9:00pm	Staff	Fee: \$60
ENGT 227	SolidWorks for Engineering III	4cr	
Prereq: ENGT 226 or instructor permission.			
1950 01	DAILY 7:00am-Noon	Brown K	Fee: \$60
1955 21	TTh 5:30pm-9:00pm	Staff	Fee: \$60
ENGT 251	Industrial Design Graphics	4cr	
Prereq: ENGT 211, ENGT 255, or instructor permission.			
1960 01	DAILY 7:00am-1:20pm	Brown K	Fee: \$60
ENGT 255	Tool Design Graphics I	4cr	
Prereq: ENGT 211, ENGT 225, MATH 099, or instructor permission.			
1965 01	DAILY 7:00am-1:20pm	Brown K	Fee: \$60
ENGT 256	Tool Design Graphics II	4cr	
Prereq: ENGT 255.			
1970 01	DAILY 7:00am-1:20pm	Brown K	Fee: \$60
ENGT 271	Engineering Graphics Problems and Analysis I	4cr	
Prereq: ENGT 251, ENGT 253, or instructor permission.			
1975 01	DAILY 7:00am-1:20pm	Staff	Fee: \$60
ENGT 272	Engineering Graphics Problems and Analysis II	4cr	
Prereq: ENGT 271.			
1980 01	DAILY 7:00am-1:20pm	Staff	Fee: \$60
ENGT 275	Individual Projects	1-6cr	
1985 01	DAILY 7:00am-1:20pm	Brown K	Fee: \$90

RECEIVING FEDERAL FOOD STAMPS? PREVIOUSLY DENIED FOR FOOD STAMPS?

You may be eligible for the Basic Food, Employment & Training (BFET) program.



The BFET program is a federal funded program designed to support students receiving federal food stamps and who are enrolled in a professional-technical program. Benefits may include:

- Tuition and book assistance
- Childcare assistance through Working Connections Childcare (DSHS)
- Career & Educational advising
- Eligibility for food stamps if previously denied

For more information, call 425-576-5811 or visit www.lwtech.edu/BFET

Work at the Speed of Technology

Check out our **Engineering Technology** program below and on page 40.

Engineering Technology

The Engineering Technology program offers a broad foundation in engineering principles, and in the application of math, science, and design theory to solve engineering problems. It will equip students to work as engineering technicians in a number of industries. For more information please call (425) 739-8300 or email info@lwtech.edu.

ENG 199 Engineering Technology Independent Study 1-6cr

Prereq: Instructor permission. Students registering for independent study must submit, at or before registration, a description and timetable for completion, signed by both the instructor supervising the independent study and the student.

1755 01 ARR ARR Oylar M Fee: \$126

English

ENGL 065 Spelling Improvement 1-2cr

Prereq: ASC instructor permission.

1760 01 ARR ARR 5staff

ENGL 067 Vocabulary Development 1-3cr

Prereq: ASC instructor permission.

1765 01 ARR ARR 5staff

ENGL 093 Beginning English 5cr

Prereq: ABED 046 or equivalent placement score.

1770 01 TTh 10:00am-12:50pm Staff

ENGL 093A Writing Improvement 5cr

Prereq: ABED 046 or equivalent placement test score or instructor permission.

1775 01 MW 1:30pm-4:20pm Staff

1780 21 TTh 5:30pm-8:20pm Staff

ENGL 096 The Grammar of Writing 1cr

Prereq: ENGL 095 or equivalent placement score.

1785 01 ARR ARR 5staff

ENGL 097 Reading Comprehension 1cr

Prereq: ENGL 095, ENGL 096, or equivalent placement score.

1790 01 ARR ARR Staff

ENGL 100 Intro To Essay Writing 5cr

Prereq: ENGL 092, ENGL 093A or ENGL 093B, or equivalent placement scores.

1795 01 TTh 10:00am-12:50pm Staff

1800 02 TTh 7:00am-9:50am Staff

1805 03 MW 10:00am-12:50pm Staff

1810 04 MW 1:30pm-4:20pm Staff

1815 21 MW 5:30pm-8:20pm Staff

ENGL 335 Technical Writing for Designers 5cr

Prereq: Admission to BTAD program or instructor permission.

1825 H21 MW 6:00pm-8:30pm Staff

ENGL&101 English Composition I 5cr

Prereq: ENGL 100 or equivalent placement score.

1830 01 TTh 10:00am-12:50pm Staff

1835 02 MW 10:00am-12:50pm Staff

1840 03 TTh 1:30pm-4:20pm Staff

1845 21 TTh 5:30pm-8:20pm Staff

1850 L1 ARR ARR 5staff

1855 L2 ARR ARR 5staff

ENGL&102 English Composition II 5cr

Prereq: ENGL& 101.

1860 01 MW 1:30pm-4:20pm Staff

1865 L1 ARR ARR 5staff

ENGL&235 Technical Writing 5cr

Prereq: ENGL& 101.

1870 21 MW 6:00pm-8:50pm Staff

English as a Second Language (ESL)

The following classes are available through the Academic Skills Center, Room T217, from 8am to 4:30pm, Monday through Thursday; 5:30pm to 8:00pm, Tuesday and Wednesday, and 8:00am to Noon, Friday. Placement through CASAS. For more information please call (425) 739-8300 or email info@lwtech.edu.

EASL 015 Beginning ESL Literacy 1-12cr

Prereq: Appropriate placement score.

1625 01 MTWTh 9:00am-1:45pm Staff

1630 21 MTWTh 6:00pm-9:30pm Staff

EASL 016 Low Beginning ESL 1-12cr

Prereq: EASL 015 or equivalent placement score.

1635 01 MTWTh 9:00am-1:45pm Staff

1640 H21 MTWTh 6:00pm-9:30pm Staff

EASL 030 High Beginning ESL 1-15cr

Prereq: EASL 016 or equivalent placement score.

1645 01 MTWTh 9:00am-1:45pm Staff

1650 21 MTWTh 6:00pm-9:30pm Staff

EMPLOYMENT RESOURCE CENTER

The ERC provides career exploration and job search assistance to students, alumni, and community members.

ERC Career & Employment Workshops

Workplace 101, Summer 2014
Wednesdays, 12-1pm, W204F

- Reviewing Resumés August 6
- Behavioral Interviews August 13

Free workshops are available throughout the quarter to assist you in reaching your career goals.

For more information on any of these events, contact the Employment Resource Center at (425) 739-8113 or email job.placement@lwtech.edu, or stop by the West Building, room 207.

EASL 040 Low Intermediate ESL 1-15cr

Prereq: EASL 030 or equivalent placement score.

1655 01 MTWTh 9:00am-1:45pm Ramirez C

1660 21 TTh 6:00pm-9:30pm Staff

1665 R1 MTWTh 9:00am-1:45pm Kill M

EASL 042 ESL Writing Fundamentals 1-9cr

Prereq: EASL 030 or equivalent placement score.

1670 21 Th 2:00pm-5:50pm Staff

1675 21 W 6:00pm-9:30pm Staff

EASL 050 High Intermediate ESL 1-15cr

Prereq: EASL 040 or equivalent placement score.

1680 01 MTWTh 9:00am-1:45pm Staff

1685 21 TTh 6:00pm-9:30pm Staff

1690 R1 MTWTh 9:00am-1:45pm Kill M

EASL 057 ESL Writing High/Intermediate 3cr

Prereq: EASL 040 or equivalent placement score.

1695 L1-3 ARR ARR Staff

EASL 065 Advanced ESL 1-15cr

Prereq: EASL 050 or equivalent placement.

1700 01 MTWTh 9:00am-1:45pm Staff

1705 21 TTh 6:00pm-9:30pm Staff

1710 R1 MTWTh 9:00am-1:45pm Kill M

EASL 080 ESL/ABED College Transition 1-3cr

Prereq: EASL 030 or equivalent placement score.

1715 01 M 2:00pm-5:50pm Staff

Environmental Horticulture

Learn plant identification, plant propagation, botany, landscape design, soils, pruning, and plant management and more. Through time spent in practical hands-on training, students will be prepared for a variety of careers in the horticulture industry, including landscape design, installation and maintenance, nursery sales, golf course maintenance, and estate gardening. Industry based training experience is an option. Many classes include field trips and guest speakers. For more information please call (425) 739-8300 or email info@lwtech.edu.

HORT 211 Intro to Bidding and Estimating 1cr

Prereq: ABED 046 and MATH 070, or equivalent placement scores.

2070 01 MTThF 7:30am-2:45pm Marshall D \$6

HORT 212 Sustainable Lawn Care 3cr

2075 01 MTThF 7:30am-2:45pm Marshall D Fee: \$18

HORT 215 Plant ID Summer 4cr

2080 01 MTThF 7:30am-2:45pm Marshall D Fee: \$24

HORT 216 Introduction to Greenhouses 3cr

2085 01 MTThF 7:30am-2:45pm Marshall D Fee: \$18

HORT 217 Summer Horticulture Lab 3cr

Coreq: HORT 211, HORT 212, HORT 225, HORT 215, HORT 216.

2090 01 MTThF 7:30am-2:45pm Marshall D Fee: \$18

HORT 225 Career Exploration 3cr

2095 01 MTThF 7:30am-2:45pm Marshall D

Environmental Science**ENVS&101 Introduction to Environmental Science 5cr**

Prereq: ENGL 093, MATH 090 or instructor permission.

1990 01 MW 8:00am-11:50am Staff Fee: \$50

First Aid/CPR/HIV**IFAD 156 8-Hour First Aid/CPR 0.5cr**

2105 01 Sa 8:30am-3:00pm Staff

IFAD 158 CPR For The Healthcare Provider 0.5cr

2110 01 Sa 8:30am-12:30pm Staff

IFAD 162 First Aid/CPR for Health Care Providers 1cr

2115 01 Sa 8:30am-3:00pm Staff

IFAD 216 HIV/AIDS Training 1cr

2120 L1-3 ARR ARR Staff

2125 L1-3 ARR ARR Staff

2130 L1-3 ARR Staff

2135 WDC W 9:00am-2:00pm Staff

Fitness Specialist/Personal Trainer

The Fitness Specialist/Personal Trainer program prepares students for employment as fitness instructors or personal trainers in entry-level to mid-management positions in health and fitness. Students are prepared for numerous certification exams. For more information please call (425) 739-8300 or email info@lwtech.edu.

FTNS 118 Health Promotion & Wellness 5cr

2030 L1-3 ARR ARR Staff

FTNS 191 Fitness Internship I 3cr

Prereq: Instructor permission.

2035 01 T 8:00am-8:50am Staff Fee: \$30

FTNS 199 Special Projects 1-5cr

Prereq: instructor permission.

2040 01 ARR ARR Staff Fee: \$50

Unemployed?

You may be eligible for job training assistance.

The Worker Retraining Program provides resources and guidance for individuals in career transition. Individuals may qualify for assistance with tuition and fees.

Attend a Worker Retraining Orientation to learn more about the program and to find out if you are eligible.

For more information call (425) 739-8206 or email worker.retraining@lwtech.edu

Visit the LWTech Worker Retraining website for more information:

www.lwtech.edu/workerretraining

CREDIT COURSE LISTINGS

FTNS 210	Fitness Internship II- Personal Training	3cr
Prereq: FTNS 191, CPR/First Aid Certification.		
2045 01	T 8:00am-8:50am Staff	Fee: \$30
FTNS 230	Fitness Externship	2cr
Prereq: FTNS 210.		
2050 01	ARR ARR Staff	
FTNS 299	Special Projects	1-5cr
Prereq: instructor permission.		
2055 01	ARR ARR Staff	Fee: \$50

Funeral Service Education

The Funeral Service Education AAS degree prepares students to achieve entry-level proficiency as an embalmers and funeral directors. The program is designed to be completed in 7 quarters of full-time study. For more information please call (425) 739-8300 or email info@lwtech.edu.

The FSE program has as its central aim the recognition of the importance of funeral service personnel as:

- Members of a human services profession,
- Members of the community in which they serve,
- Participants in the intimate relationship between bereaved families and those engaged in the funeral service profession,
- Professionals knowledgeable of and compliant with federal, state, provincial/territorial, and local regulatory guidelines (in the geographic area where they practice), as well as
- Professionals sensitive to and knowledgeable of the responsibility for public health, safety, and welfare in caring for human remains.

The program has the following objectives:

- To enlarge the background and knowledge of students about the funeral service profession.
- To educate students in every phase of funeral service, and to help enable them to develop the proficiency and skills necessary to become functional members of the profession.
- To educate student concerning the responsibilities of the funeral service profession to the community.
- To emphasize high standards of ethical conduct.
- To provide a comprehensive curriculum at the post secondary level of instruction.
- To encourage research in the field of funeral service.

CAUTION: Students applying for admission to the Funeral Services Education program should contact their respective state boards of funeral services regarding that state board's approval of this particular program of instruction.

The program is the only accredited funeral service education degree program in the state and one of only a few on the West Coast. The Funeral Service Education program at Lake Washington Institute of Technology is accredited by the American Board of Funeral Service Education (ABFSE), 3414 Ashland Ave., Suite G, St. Joseph, MO, 64506, (816) 233-3747. Web: www.abfse.org

FSE 250	Funeral Service Management	4cr
Prereq: ACCT 111, BAS 101, BUSA 180, BUS&201, FSE 101, FSE 130, FSE 140.		
1995 11	W ARR Wilcox E	
FSE 251	Embalming I	3cr
Prereq: BIOL& 175, FSE 101.		
2000 11	W 7:00am-8:50am Wilcox E	
FSE 255	Embalming Chemistry	3cr
Prereq: BIOL& 175, FSE 101.		
2005 11	W 9:00am-10:20am Wilcox E	

FSE 256	Funeral Service Options	3cr
Prereq: FSE 101, FSE 130, FSE 141.		
2010 11	W 10:30am-11:50am Budrow L	
FSE 262	Funeral Service Microbiology	3cr
Prereq: FSE 251.		
2015 11	ARR ARR Wilcox E	
FSE 271	Embalming III	3cr
Prereq: FSE 261.		
2020 01	ARR ARR Wilcox E	Fee: \$500

History

HIST&126	World Civilizations I	5cr
Prereq: ENGL 100.		
2060 01	MW 1:30pm-4:20pm Staff	

Human Resource Management

The Human Resources Generalist program is designed for the working professional wishing to enter the Human Resource (HR) field, professionals wanting to enhance their HR and personnel knowledge, HR professionals wishing to advance in their field, certified HR professionals seeking re-certification hours, and managers wanting to get a better understanding of HR. Certified HR professionals may qualify for re-certification hours toward their Professional in Human Resources (PHR), Senior Professional in Human Resources (SPHR) and Global Professional in Human Resources (GPHR) certifications from the HR Certification Institute (HRCI). This program is focused on evening courses, thus allowing people who are employed to upgrade their skills and receive a certificate. For more information please call (425) 739-8775 or email renee.mangini@lwtech.edu.

BUHR 199	HR Special Projects	1-5cr
1390 01	ARR ARR Mangini R	
BUHR 240	Employee and Labor Relations	3cr
1395 21	Th 6:00pm-9:30pm Griffith T	
BUHR 250	HR Information Systems & Measuring HR Outcomes	4cr
1400 21	MW 6:00pm-9:00pm Mangini R	

Humanities

HUM 110	Introduction to Film	5cr
Prereq: ABED 046		
2100 11	ARR ARR Nyland R	

Information Technology Applications Development

The Information Technology Applications Development program is designed to prepare individuals to work as entry-level application developers within an organization. Students will acquire the skills to design, code, implement, and maintain programs and database systems that provide computer-based solutions to business problems. In the final term students collaborate on a project that simulates a real-life team-based applications development environment, or complete an industry based-internship. For more information please call (425) 739-8300 or email info@lwtech.edu.

ITAD 111	Computer Programming Fundamentals	5cr
Prereq: ENGL 093, MATH 090.		
2140 01	TTh 1:00pm-3:50pm Staff	Fee: \$30
ITAD 112	HTML	5cr
Prereq: MATH 080, ENGL 093, and completion of or concurrent enrollment in BAS 120, MMDP 101, or CSNT 115; or instructor permission.		
2145 01	MW 9:00am-12:30pm Staff	Fee: \$30
ITAD 123	C++ Programming I	5cr
Prereq: ITAD 111.		
2150 01	TTh 1:00pm-4:30pm Staff	Fee: \$30

Machine Technology

Students will be well positioned to begin a career in the machine trades by gaining basic machining competencies through their work on projects along with a thorough grounding in shop theory, applied math, and a special emphasis on CAD/CAM programming and CNC machining. For more information please call (425) 739-8300 or email info@lwtech.edu.

MACH 108 Fundamentals of Machining for Engineering 4cr

Prereq: MATH 080, ABED 046, or equivalent placement scores, or instructor permission.

2155	01	DAILY	7:00am-1:20pm	Weaver S	Fee: \$60
2160	02	TWTH	1:30pm-7:00pm	Clifton M	Fee: \$60

MACH 110 Fundamentals of Machining 8cr

Prereq: MATH 80, ABED 46, or equivalent placement scores, or instructor permission.

2165	01	DAILY	7:00am-1:20pm	Weaver S	Fee: \$120
2170	02	TWTH	1:30pm-7:00pm	Clifton M	Fee: \$120

MACH 112 Machining Practice C-Clamp & Paper Punch 8cr

Prereq: MATH 80, ABED 46, MACH 110 (pre or coreq), or equivalent placement scores, or instructor permission.

2175	01	DAILY	7:00am-1:20pm	Weaver S	Fee: \$120
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MACH 122 Mach Practice Tools-Tap Handle, Clamp & Punch 8cr

Prereq: MATH 80, ABED 46, MACH 110 (pre or coreq), or equivalent placement scores, or instructor permission.

2180	01	TWTH	7:00am-1:20pm	Weaver S	Fee: \$120
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MACH 132 Mach Pract-Threading Project, Precision Grinding 8cr

Prereq: MACH 110 or instructor permission.

2185	01	DAILY	7:00am-1:20pm	Candelaria D	Fee: \$120
2190	02	TWTH	1:30pm-7:00pm	Clifton M	Fee: \$120

MACH 134 CNC Manual Practice, Programming 8cr

Prereq: MACH 124 or instructor permission.

2195	01	DAILY	7:00am-1:20pm	Weaver S	Fee: \$120
2200	02	TWTH	1:30pm-7:00pm	Clifton M	Fee: \$120

MACH 223 Capstone Project Part I 7cr

Prereq: MATH 080, ENGL 093, MACH 134, or instructor permission.

2210	01	ARR	7:00am-1:30pm	Weaver S	Fee: \$105
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MACH 224 Capstone Project Part II 7cr

Prereq: MATH 080, ENGL 093, MACH 223, or instructor permission.

2215	01	ARR	7:00am-1:30pm	Weaver S	Fee: \$105
2220	02	ARR	7:00am-1:30pm	Clifton M	Fee: \$105

MACH 230 Processes and Planning for CNC 8cr

Prereq: MATH 80, ABED 46, MACH 110, or equivalent placement scores, or instructor permission.

2225	01	DAILY	7:00am-1:20pm	Candelaria D	Fee: \$120
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Machine Technology

Check out our **Machine Technology** program on this page and page 43.

**Accelerated Mathematics**

Math 900 creates the option for students to rapidly progress through MATH 070, MATH 080, MATH 090, and MATH 099 with a curriculum that is tailored to them. Each quarter, five credits are given for the highest course completed.

MATH 990 Introduction to Algebra 5cr

Prereq: MATH 080 or equivalent placement test score.

2340	AC	Sa	8:00am-1:00pm	Staff
2345	AC	TTh	1:30pm-4:20pm	Staff

MATH 999 Intermediate Algebra 5cr

Prereq: MATH 090 or equivalent placement score.

2350	AC	Sa	8:00am-1:00pm	Staff
2355	AC	TTh	1:30pm-4:20pm	Staff

Mathematics**MATH 070 Elements of Arithmetic 5cr**

Prereq: ABED 030, or equivalent placement score, or instructor permission.

2230	01	ARR	ARR	Staff
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MATH 081 Technical Mathematics I 5cr

Prereq: MATH 070 or ABED 040.

2235	IB	TTh	1:30pm-3:30pm	Staff
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MATH 087 Quantitative Literacy 5cr

Prereq: MATH 070, or ABED 040, or equivalent placement score, or instructor permission.

2240	01	TTh	1:30pm-4:20pm	Staff
2245	02	ARR	ARR	Staff
2250	21	TTh	5:30pm-7:50pm	Staff
2255	R1	MW	10:00am-12:50pm	Staff

MATH 090 Introduction to Algebra 5cr

Prereq: MATH 080 or equivalent placement score.

2260	01	MW	1:30pm-4:20pm	Staff
2265	02	TTh	10:00am-12:50pm	Staff
2270	03	ARR	ARR	Staff
2275	21	MW	5:30pm-8:20pm	Staff

MATH 091 Technical Mathematics II 5cr

Prereq: MATH 080 or MATH 081.

2280	IB	TTh	1:30pm-3:30pm	Staff
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MATH 098 Essentials of Intermediate Algebra 5cr

Prereq: MATH 090 or equivalent placement score.

2285	01	TTh	1:30pm-4:20pm	Valenzuela H
2290	21	MW	5:30pm-7:50pm	Staff

SUPPORTING ALL LAKE WASHINGTON STUDENTS

The
Learning
in East 214
Lab

SCIENCES • PRE-REQUISITES • MATH • ENGLISH • AND MORE

CREDIT COURSE LISTINGS

MATH 099 Intermediate Algebra 5cr

Prereq: MATH 090 or equivalent placement score.

2295	01	TTh	10:00am-12:50pm	Jankhah M
2300	02	MW	1:30pm-4:20pm	Staff
2305	03	ARR	ARR	Staff
2310	04	ARR	ARR	Staff

MATH 102 Quantitative Reasoning 5cr

Prereq: MATH 090 or equivalent placement score.

2315	01	TTh	10:00am-12:50pm	Staff
2320	02	TTh	1:30pm-4:20pm	Staff

MATH 103 Technical Mathematics III 5cr

Prereq: MATH 090 or MATH 091.

2325	IB	TTh	1:30pm-3:30pm	Staff
2330	IB	ARR	ARR	Staff

MATH 111 College Algebra with Applications 5cr

Prereq: MATH 098 (recommended), MATH 099, or equivalent placement test score.

2335	H1	TTh	1:30pm-3:00pm	Staff
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MATH&107 Math in Society 5cr

Prereq: MATH 098 (recommended), or MATH 099, or equivalent placement score.

2360	01	TTh	1:30pm-4:20pm	Bricken W
2365	L1	ARR	ARR	Valenzuela H

MATH&141 Pre-Calculus I 5cr

Prereq: MATH 099 or equivalent placement score.

2370	01	MW	1:30pm-4:20pm	Staff
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MATH&146 Statistics 5cr

Prereq: MATH 098 (recommended), or MATH 099, or equivalent placement score.

2375	21	TTh	5:30pm-8:20pm	Valenzuela H
2380	L1	ARR	ARR	Staff
2385	R1	MW	1:30pm-4:20pm	Staff

Medical Assisting

Theory, clinical and lab skills combined with intern experience in a physician's office prepare graduates for high demand medical office positions including front and back office positions. Graduates may take the Certified Medical Assistant examination. For more information please call (425) 739-8300 or email info@lwtech.edu.

MEDA 115 Law and Ethics 3cr

Prereq: ENGL 100, equivalent placement score, or instructor permission.

2390	01	W	12:30pm-3:20pm	Costarella L
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MEDA 116 Medical Terminology 5cr

Prereq: ENGL 093, equivalent placement score, or instructor permission.

2395	01	M	9:00am-11:50am	Costarella L
2400	H1	M	1:00pm-2:30pm	Costarella L

MEDA 118 Examine Room and Patient Preparation 5cr

Prereq: ENGL 093, BIOL& 175, MEDA 115, MEDA 116, or instructor permission.

2405	01	M	8:00am-11:50am	Staff	Fee: \$48
2410	02	M	8:00am-11:50am	Staff	Fee: \$48

MEDA 121 Medical Office Skills 5cr

Prereq: BAS 101 (or test out), ENGL 093 or equivalent placement score, MEDA 116 or instructor permission.

2415	H1	TTh	1:00am-3:50pm	Woodruff S	Fee: \$30
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MEDA 125 Phlebotomy/Bloodborne Pathogens 5cr

Prereq: MEDA 118, or instructor permission.

2420	01	MT	12:30pm-4:30pm	Torrijos	Fee: \$30
2425	02	MW	12:30pm-4:20pm	Torrijos	Fee: \$30

MEDA 212 Diagnostic Testing in Medical Office 5cr

Prereq: MEDA 118, MEDA 125, MEDA 139, or instructor permission.

2430	01	M	8:00am-11:50am	Blakesley-Boddie	Fee: \$30
2435	02	W	12:30pm-4:20pm	Blakesley-Boddie	Fee: \$30
4000	03	MT	8:00am-11:50am	Blakesley-Boddie	Fee: \$30

MEDA 214 Disease Conditions and Community Health 5cr

Prereq: BIOL& 175 or instructor permission.

2440	H1	M	9:00am-11:50am	Torrijos J
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MEDA 254 Advanced Medical Coding 5cr

Prereq: MEDA 140, MEDA 154, or instructor permission.

2445	H1	T	10:00am-10:50am	Woodruff S
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MEDA 293 Medical Assisting Externship Seminar 2cr

Prereq: Instructor permission. Coreq: MEDA 294.

2450	01	W	4:00pm-5:50pm	Larsen P	Fee: \$125
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MEDA 294 Medical Assistant Externship 5cr

Prereq: Instructor permission. Coreq: MEDA 293.

2455	01	ARR	ARR	Larsen P
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MEDA 296 Certified Medical Assistant Review 2cr

Prereq: MEDA 115, MEDA 129, MEDA 211, MEDA 125, MEDA 212, MEDA 214 or instructor permission.

2460	21	W	6:00pm-9:00pm	Torrijos J
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Motorcycle, Marine & Power Equipment Service Technology

The Motorcycle, Marine & Power Equipment Service Technology program provides students with a broad range of entry-level technical skills by working on representative models of equipment serviced in the motorcycle, marine and power equipment industries. Students will spend their first quarter of training in a transportation core curriculum. Cooperative work experience is available with instructor permission. The Harley-Davidson® Elective will uniquely position successful completers to enter Harley® dealerships in a variety of capacities. For more information please call (425) 739-8300 or email info@lwtech.edu.

TRAN 110 Computer Basics/Transportation Trades 2cr

Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.

2770	01	DAILY	7:00am-1:20pm	Knigge H	Fee: \$40
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TRAN 112 Shop and Business Practices 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.

2790	01	DAILY	7:00am-1:20pm	Knigge H	Fee: \$100
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TRAN 113 Basic Electrical Systems 4cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.

2815	01	DAILY	7:00am-1:20pm	Knigge H	Fee: \$80
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TRAN 125 Mechanical Principles 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.

2835	01	DAILY	7:00am-1:20pm	Knigge H	Fee: \$100
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MMPE 122 Electrical System Applications 6cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission.

2550	01	DAILY	7:00am-1:20pm	Dale D	Fee: \$60
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2555	IB	DAILY	7:00am-1:20pm	Dale D	Fee: \$60
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MMPE 123 Charging Systems 6cr

Prereq: MMPE 122, or concurrent enrollment or instructor permission.

2560	01	DAILY	7:00am-1:20pm	Dale D	Fee: \$60
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MMPE 124 Ignition Systems	5cr
Prereq: MMPE 123, or concurrent enrollment, or instructor permission.	
2565 01 7:00am-1:20pm Dale D	Fee: \$50
MMPE 138 Motorcycle/Marine/Power Equip Lab	1-5cr
Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125.	
2570 01 DAILY 7:00am-1:20pm Dale D	Fee: \$50
MMPE 231 Advanced Motorcycle, Marine & Power Equip App II	4cr
Prereq: MMPE 223 or instructor permission.	
2575 01 DAILY 7:00am-1:20pm Dale D	Fee: \$40
MMPE 232 Advance Motorcycle, Marine & Power Equip App III	6cr
Prereq: MMPE 231 or instructor permission.	
2580 01 DAILY 7:00am-1:20pm Dale D	Fee: \$60
MOHD 231 Advanced Harley-Davidson® Electr Control Systems	3cr
Prereq: MOHD 225 or instructor permission.	
2585 01 DAILY 7:00am-1:20pm Dale D	Fee: \$30
MOHD 233 Harley-Davidson® Chassis Service	6cr
Prereq: MOHD 225 or instructor permission.	
2590 01 DAILY 7:00am-1:20pm Dale D	Fee: \$60
MOHD 235 Harley-Davidson® Air-Cooled Powertrains	6cr
Prereq: MOHD 221 or instructor permission.	
2595 01 DAILY 7:00am-1:20pm Dale D	Fee: \$60

Multimedia Design & Production

The Multimedia Design & Production (MMDP) program offers three areas of specialization: graphic design for web & print; animation/game design, and video production/interactive digital media. Depending on the course of study, graduates will be able to produce web and print content, animation for games, and video/ audio content for digital media. For more information please call (425) 739-8300 or email info@lwtech.edu.

MMDP 101 Digital Design Survey	4cr
Prereq: ABED 046, MATH 070.	
2465 H1 T 1:30pm-5:00pm Staff	Fee: \$60
MMDP 105 Storyboard Development	4cr
Prereq: ART 121.	
2470 H1 W 1:30pm-5:00pm Staff	Fee: \$60
MMDP 108 Interactive Media Design	5cr
Prereq: ABED 046, ABED 040 or MATH 070.	
2475 H1 TTh 1:00pm-3:50pm Staff	Fee: \$75
MMDP 121 Vector Illustration 1 with Illustrator	4cr
2480 01 TTh 9:00am-12:30pm Staff	Fee: \$60
2485 L1 ARR ARR Staff	Fee: \$60
MMDP 122 Image Editing 1 with Photoshop	4cr
2490 01 TTh 1:30pm-5:00pm Staff	Fee: \$60
2495 L1 ARR ARR Staff	Fee: \$60
MMDP 124 Introduction to 3D W/Maya	4cr
Prereq: MMDP 122, ABED 046, Math 070.	
2500 01 MW 9:00am-12:30pm Staff	Fee: \$60
MMDP 141 Vector Illustration 2 with Illustrator	4cr
Prereq: MMDP 121.	
2505 L1 ARR ARR Staff	Fee: \$60
MMDP 142 Image Editing 2 with Photoshop	4cr
Prereq: MMDP 122.	
2510 L1 ARR ARR Staff	Fee: \$60
MMDP 153 Introduction to Web and Mobile Design	5cr
Prereq: MMDP 121 or MMDP 122.	
2515 H1 M 1:30pm-5:00pm Staff	Fee: \$75

MMDP 170 Motions Graphics with AfterEffects	5cr
Prereq: MMDP 122.	
2520 01 TTh 9:00am-12:30pm Staff	Fee: \$75
MMDP 172 Concept Art-Team Project	4cr
Prereq: MMDP 122, MMDP 130, or instructor permission.	
2530 01 TTh 9:00am-12:30pm Staff	Fee: \$60
MMDP 190 Portfolio/Job Search	5cr
Prereq: MMDP 101, MMDP 122, and one of the following: MMDP 126, MMDP 133, MMDP 139, MMDP 124.	
2535 H1 M 1:30pm-5:00pm Staff	Fee: \$75

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- Computer Security & Network Technician AAS-T
- Dental Hygiene AAS-T
- Digital Gaming and Media AAS-T
- Electronics Technology AAS-T
- Engineering Graphics Mechanical Design Emphasis AAS-T
- Engineering Technology AAS-T
- Fitness Specialist/Personal Trainer AAS-T
- Information Technology and Applications Development AAS-T
- Nursing AAS-T
- Occupational Therapist Assistant AAS-T
- Video & Web Production AAS-T

For more information:
(425) 739-8300
info@lwtech.edu

An inspiring and rewarding career

Check out our **Occupational Therapy Assistant** program below and on page 47.



Nursing Assistant

NURS 107 Nursing Assistant Theory 5cr
Prereq: ENGL 093. Coreq: NURS 108, NURS 109.
2600 01 MTWTh 11:45am-2:15pm Retallick D

NURS 108 Nursing Assistant Lab 3cr
Prereq: ENGL 093. Coreq: NURS 107, NURS 109.
2605 01 MTWTh 9:00am-11:45am Retallick D Fee: \$18

NURS 109 Nursing Assistant Practicum 3cr
Prereq: ENGL 093. Coreq: NURS 107, NURS 108.
2610 01 ARR 6:00am-2:00pm Retallick D Fee: \$18

Nutrition

NUTR&101 Nutrition 5cr
Prereq: ABED 046, or ABED 053, or equivalent placement scores.

2615 21 MW 5:30pm-8:20pm Staff
2620 11² ARR ARR Staff
2625 12² ARR ARR Staff

Occupational Therapy Assistant

Occupational therapy assistants (OTAs) provide occupational therapy services with the direction and supervision of an occupational therapist in a variety of settings. For more information please call (425) 739-8300 or email info@lwtech.edu.

OTA 240 Fieldwork Level 2-Clinical Exper B 10cr
Prereq: OTA 230, OTA 231. Coreq: OTA 241.
3105 01 ARR ARR Wild E

OTA 241 Seminar V 2cr
Prereq: OTA 230, OTA 231. Coreq: OTA 240.
311001 ARR ARR Wild E

Physical Therapist Assistant

The Physical Therapist Assistant AAS degree prepares students to provide physical therapy interventions under the direction and supervision of a physical therapist to people of all ages with health-related conditions which limit their ability to move and perform functional activities in their daily lives. For more information please call (425) 739-8300 or email info@lwtech.edu.

The Physical Therapist Assistant program at Lake Washington Institute of Technology is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: www.captetonline.org.



PTA 122 Topics in Physical Therapy III 3cr
Prereq: PTA 160, PTA 170, PTA 220, PTA 230. Coreq: PTA 240, PTA 250.

2665 01 ARR ARR Staff Fee: \$110

PTA 240 PTA Procedures VI 6cr
Prereq: PTA 160, PTA 170, PTA 220, PTA 230. Coreq: PTA 122, PTA 250.

2670 01 MTWTh 9:00am-12:05pm Staff Fee: \$60

PTA 250 PTA Procedures VII 4cr
Prereq: PTA 160, PTA 170, PTA 220, PTA 230. Coreq: PTA 122, PTA 240.

2675 01 TWTh 1:00pm-3:30pm Staff Fee: \$40

Physics

PHYS&114 General Physics I w/Lab 5cr

Prereq: MATH 098, or MATH 099, or instructor permission.

2630 01 TTh 1:10pm-5:00pm Staff Fee: \$50

Psychology

PSYC&100 General Psychology 5cr

Prereq: ABED 045, or ABED 046, or equivalent placement score.

2635 01 MW 10:00am-12:50pm Staff

2640 02 MW 1:30pm-4:20pm Staff

2645 21 TTh 5:30pm-7:50pm Staff

2650 11² ARR ARR Staff



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PSYC&200 Lifespan Psychology**5cr**

Prereq: ABED 045, or ABED 046, or equivalent placement score.

2655 H1* M 1:30pm-4:20pm Staff

2660 L1* ARR ARR Staff

Social & Human Services

The Social & Human Services program provides the generalist education for employment in a wide variety of social service agencies. The student will develop the professional values, skills and knowledge to assist individuals and groups with personal, interpersonal and situational problems. In this occupational area students will be prepared for employment as case managers in rehabilitation, employment services, corrections, educational programs, and community based organizations serving youth, seniors and individuals with disabilities. For more information please call (425) 739-8300 or email info@lwtech.edu.

SHSV 136 Issues in Aging: Boomers and Beyond **5cr**

Prereq: SHSV 110 or instructor permission.

2680 01 TTh 9:00am-11:50am Staff

SHSV 138 Field Practicum I**5cr**

Prereq: SHSV 110 or instructor permission.

2685 01 W Noon-3:00pm Shepherd H

SHSV 142 Behavioral Health & Wellness**5cr**

Prereq: SHSV 110 or instructor permission.

2690 01 MW 9:00am-11:50am Staff

SHSV 218 Field Practicum II**5cr**

Prereq: SHSV 138 or instructor permission.

2695 01 W 12:30pm-3:00pm Shepherd H

SHSV 238 Field Practicum III**5cr**

Prereq: SHSV 218 or instructor permission.

2700 01 W 12:30pm-3:00pm Shepherd H

SHSV 256 Current Issues in Social & Human Services**1-5cr**

Prereq: Instructor permission.

2705 01 ARR ARR Shepherd H

Sociology**SOC 260 Sociology of Death and Dying****5cr**

2710 L1* ARR ARR Toussaint L

SOC& 101 Introduction to Sociology**5cr**

Prereq: ENGL 093.

2715 01 TTh 10:00am-12:50pm McKain C

2720 L1* ARR ARR Toussaint L

2725 L2* ARR ARR Toussaint L

Spanish**SPAN&121 Spanish I****5cr**

2730 01 MTWTh 10:00am-11:25am Staff

2735 02 MW 5:30pm-8:20pm Staff

SPAN&122 Spanish II**5cr**

Prereq: SPAN&121.

2740 01 MTWTh Noon-1:30pm Staff

Welding Technology

Students learn welding skills used in construction projects, manufacturing, industrial plants and in maintenance industries. Using the latest welding processes and techniques, students learn to read blueprints and fabricate products in a variety of shapes and sizes. Students prepare to take the Washington Association of Building Officials (WABO) test. For more information please call (425) 739-8300 or email info@lwtech.edu.

WELD 100 Welding Overview for Trades**7cr**

Prereq: Instructor permission.

2840 01 DAILY 7:00am-1:20pm Rupik D Fee: \$140

2845 02 DAILY Noon-6:20pm Weyer G Fee: \$140

2850 21 DAILY 5:00pm-11:00pm Meyers D Fee: \$140

WELD 101 Oxy/Acetylene Cutting & Welding**7cr**

Prereq: ABED 040 or Math 070, and ABED 046 or equivalent placement scores.

2855 01 DAILY 7:00am-1:20pm Rupik D Fee: \$140

2860 02 DAILY Noon-6:20pm Weyer G Fee: \$140

2865 21 DAILY 5:00pm-11:00pm Meyers D Fee: \$140

WELD 102 Shielded Metal Arc Welding**8cr**

Prereq: WELD 101.

2870 01 DAILY 7:00am-1:20pm Rupik D Fee: \$160

2875 02 DAILY Noon-6:20pm Weyer G Fee: \$160

2880 21 DAILY 5:00pm-11:00pm Meyers D Fee: \$160

WELD 103 Flux Core Arc Welding**7cr**

Prereq: WELD 102.

2885 01 DAILY 7:00am-1:20pm Rupik D Fee: \$140

2890 02 DAILY Noon-6:20pm Weyer G Fee: \$140

2895 21 DAILY 5:00pm-11:00pm Meyers D Fee: \$140

WELD 104 Gas Metal Arc Welding**8cr**

Prereq: WELD 102.

2900 01 DAILY 7:00am-1:20pm Rupik D Fee: \$160

2905 02 DAILY Noon-6:20pm Weyer G Fee: \$160

2910 21 DAILY 5:00pm-11:00pm Meyers D Fee: \$160

WELD 105 Gas Tungsten Arc Welding**7cr**

Prereq: WELD 102.

2915 01 DAILY 7:00am-1:20pm Rupik D Fee: \$140

2920 02 DAILY Noon-6:20pm Weyer G Fee: \$140

2925 21 DAILY 5:00pm-11:00pm Meyers D Fee: \$140



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CREDIT COURSE LISTINGS

WELD 106 Carbon Arc, Plasma, & Oxy-Acetylene Cutting

8cr

Prereq: WELD 101.

2930	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$160
2935	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$160
2940	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$160

WELD 201 Shielded Metal Arc Pipe Welding

7cr

Prereq: WELD 102 or instructor permission.

2960	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$140
2965	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$140
2970	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$140

WELD 202 Gas Tungsten Arc Pipe Welding

8cr

Prereq: WELD 105 or instructor permission.

2975	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$160
2980	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$160
2985	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$160

WELD 203 Layout and Fabrication Techniques

7cr

Prereq: WELD 103, WELD 104, WELD 105, WELD 106, WELD 201.

2990	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$140
2995	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$140
3000	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$140

WELD 204 WABO Test Prep and Weld Testing

8cr

Prereq: WELD 103, WELD 104, WELD 105, or instructor permission.

3005	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$160
3010	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$160
3015	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$160

WELD 205 Advanced Pipe Welding

8cr

Prereq: WELD 201, WELD 202.

3020	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$160
3025	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$160
3030	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$160

WELD 220 Advanced Gas Tungsten Arc Welding I

8cr

Prereq: WELD 102, WELD 105.

3035	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$160
3040	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$160
3045	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$160

WELD 221 Advanced Gas Tungsten Arc Welding II

7cr

Prereq: WELD 220.

3050	01	DAILY	7:00am-1:20pm	Rupik D	Fee: \$140
3055	02	DAILY	Noon-6:20pm	Weyer G	Fee: \$140
3060	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$140

WELD 230 Metal Forming I

8cr

Prereq: WELD 106 or instructor permission.

3065	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$160
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WELD 231 Metal Forming II

7cr

Prereq: WELD 230 or instructor permission.

3070	21	DAILY	5:00pm-11:00pm	Meyers D	Fee: \$140
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Wine Certificates

The Wine Certificates program includes coursework in wine-making, state and federal regulations and compliance testing, wine sales and marketing. For more information please call (425) 739-8300 or email blake.holaday@lwtech.edu.

WINE 120 Spirits & Beer

3cr

Prereq: Must be at least 21 years old.

3090	21	W	4:30pm-9:30pm	Holaday B	Fee: \$30
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WINE 242 Northwestern Wines

3cr

Prereq: Must be at least 21 years old.

3095	21	T	4:30pm-9:30pm	Test N	Fee: \$30
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WINE 246 Restaurant Wine Service

3cr

Prereq: Must be at least 21 years old.

3100	21	M	4:30pm-9:30pm	Davis M	Fee: \$30
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Welding Technology

Check out our
Welding Technology
program on pages
23 and 49.



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Interested in Wines?

Check out our
Wine Certificates
program on this page
and on page 49.

Redmond Campus Class Listings

Credit Course Offerings *(credit courses run the whole quarter)*

Check the Credit Course Listings for complete course details.

For more information about Redmond Campus courses, please visit www.lwtech.edu/redmond

☀ Summer Quarter 2014

Course	Title	Item #
EASL 040	Low Intermediate ESL	1665
EASL 050	High Intermediate ESL	1690
EASL 065	Advanced ESL	1710
ECON& 201	Microeconomics	1741
MATH 087	Quantitative Literacy	2220
MATH 099	Intermediate Algebra	2255
MATH& 146	Statistics	2385

☁ Fall Quarter 2014 Preview

Course	Title	Item #
ACCT 111	Introduction to Accounting I	1075
ACCT 112	Business Calculator Applications	1085
ACCT 210	Introduction to Accounting II	1095
ACCT 255	Income Tax I	1100
ACCT& 201	Principles of Accounting I	1105
ACCT& 202	Principles of Accounting II	1110
ASL& 121	American Sign Language I	1385
BTE 112	Excel 1	1605
BTE 120	Business Computer Management	1625
BUHR 210	Overview	1650
BUHR 215	HR Ethics and Diversity	1655
BUHR 220	Employee Benefits and Risk	1660
BUHR 255	Employment Law I	1665
BU5& 101	Introduction to Business	1670
BU5& 201	Business Law	1675
EASL 040	Low Intermediate ESL	2170
EASL 040	Low Intermediate ESL	2175
EASL 050	High Intermediate ESL	2200
EASL 050	High Intermediate ESL	2205
EASL 065	Advanced ESL	2245
EASL 065	Advanced ESL	2250
EASL 077	ESL Accounting Applications I	2265
ECON& 202	Macroeconomics	2330
SPAN& 121	Spanish I	4350




THINGS HAPPENING ON THE REDMOND CAMPUS

- We have monthly EMPLOYMENT RESOURCE WORKSHOPS and ADVISERS sessions on campus! Check our website for details!
- The Accounting Career Fair is coming this fall! Check our website for more information and mark your calendars!

www.lwtech.edu/redmond

eLearning Courses

eLearning courses are indicated with the icon  and a W, L, or H code as the section number. LWTech currently offers three forms of online classes, detailed and listed below. For detailed class information go to www.lwtech.edu/el.

Online Classes

Summer Quarter 2014

ITEM	COURSE-ID	SEC	TITLE
1050	ABED 054	L1	On-Line Grammar & Writing for Advanced ESL
1190	ART& 100	L1	Art Appreciation
1330	BTE 101	L1	Computer Applications
1340	BTE 105	L1	Keyboarding I
1350	BTE 106	L1	Keyboarding II
1360	BTE 107	L1	Keyboarding III
1385	BTE 191	L1	Customer Service/Help Desk
1405	BUS& 101	L1	Introduction to Business
1695	EASL 057	L1	ESL Writing High/Intermediate
1850	ENGL& 101	L1	English Composition I
1855	ENGL& 101	L2	English Composition I
1865	ENGL& 102	L1	English Composition II
1995	FSE 250	L1	Funeral Service Management & Merchandising
2015	FSE 262	L1	Funeral Service Microbiology
2030	FTNS 118	L2	Health Promotion & Wellness
2100	HUM 110	L1	Introduction to Film
2120	IFAD 216	L3	HIV/AIDS Training
2125	IFAD 216	L3	HIV/AIDS Training
2130	IFAD 216	L3	HIV/AIDS Training
2365	MATH& 107	L1	Math In Society
2380	MATH& 140	L1	Vector Illustration 1 with Illustrator
2495	MMDP 122	L1	Image Editing 1 with Photoshop
2505	MMDP 141	L1	Vector Illustration 2 with Illustrator
2510	MMDP 142	L1	Image Editing 2 with Photoshop
2620	NUTR& 101	L1	Nutrition
2625	NUTR& 101	L2	Nutrition
2650	PSYC& 100	L1	General Psychology
2660	PSYC& 200	L1	Lifespan Psychology
2710	SOC 260	L1	Sociology of Death and Dying
2720	SOC& 101	L1	Introduction to Sociology
2725	SOC& 101	L2	Introduction to Sociology

Fall Quarter 2014 Preview

ITEM	COURSE-ID	SEC	TITLE
1060	ABED 054	L1	On-Line Grammar & Writing for Advanced ESL
1340	ART 252	L1	Design II
1375	ART& 100	L1	Art Appreciation
1560	BTE 101	L1	Computer Applications
1570	BTE 105	L1	Keyboarding I
1580	BTE 106	L1	Keyboarding II
1590	BTE 107	L1	Keyboarding III
1600	BTE 111	L1	Word I

1630	BTE 124	L1	PowerPoint
1640	BTE 195	L1	Capstone Project
2210	EASL 057	L1	ESL Writing High/Intermediate
2665	ENGL& 101	L1	English Composition I
2670	ENGL& 101	L2	English Composition I
2700	ENGL& 102	L1	English Composition II
2935	FSE 250	L1	Funeral Service Management & Merchandising
2950	FSE 274	L1	Funeral Service Pathology
2955	FSE 275	L1	Comprehensive Review
3070	HUM 110	L1	Introduction To Film
3105	IFAD 216	L3	HIV/AIDS Training
3110	IFAD 216	L3	HIV/AIDS Training
3115	IFAD 216	L3	HIV/AIDS Training
3470	MATH& 107	L1	Math In Society
3505	MATH& 146	L1	Statistics
3540	MEDA 116	L1	Medical Terminology
3595	MEDA 199	L1	Special Projects
3675	MMDP 121	L1	Vector Illustration 1 with Illustrator
3690	MMDP 122	L1	Image Editing 1 with Photoshop
3705	MMDP 126	L1	Page Layout 1 with InDesign
3725	MMDP 141	L1	Vector Illustration 2 with Illustrator
3735	MMDP 142	L1	Image Editing 2 with Photoshop
3795	MMDP 297	L1	Multimedia Internship
4140	NUTR& 101	L1	Nutrition
4145	NUTR& 101	L2	Nutrition
4150	PHIL 301	L1	Public Health Ethics
4210	PSYC& 100	L1	General Psychology
4230	PSYC& 200	L1	Lifespan Psychology
4315	SOC& 101	L1	Introduction to Sociology
4320	SOC& 101	L2	Introduction to Sociology

Hybrid Classes

Summer Quarter 2014

ITEM	COURSE-ID	SEC	TITLE
1010	ABED 010	H1	ABE Orientation
1155	APDZ 310	H21	Intro to Applied Design
1160	APDZ 333	H21	Applied Design Technology
1165	APDZ 335	H21	Intro to Computational Design
1170	APDZ 383	H1	Digital Design Fabrication and Prototyping
1175	APDZ 441	H21	Project Management
1180	APDZ 497	H21	Design Practice Internship
1295	ART 102	H21	Design I
1370	ART& 100	H1	Art Appreciation
1440	BIOL 311	H1	Public Health Policy
1485	BIOL& 211	H1	Cellular Biology
1510	BIOL& 241	H1	Human A & P 1
1525	BIOL& 242	H1	Human A & P 2
1710	CHEM& 121	H1	Intro to Chemistry
1740	CMST 302	H21	Mass Communication
1800	CMST& 220	H1	Introduction to Public Speaking
1805	CMST& 230	H21	Small Group Communication
2140	EASL 016	H21	Low Beginning ESL

2285	ECED& 105	H21	Intro to Early Childhood Education
2300	ECED& 120	H2	Practicum—Nurturing Relationships
2305	ECED& 120	H21	Practicum—Nurturing
2340	EDUC 201	H1	Teaching & Facilitating Learning Level I
2345	EDUC 216	H1	Assessment as Learning
2350	EDUC& 115	H21	Child Development
2360	EDUC& 205	H21	Introduction to Education
2580	ENGL 100	H21	Introduction to Essay Writing
2650	ENGL& 101	H21	English Composition I
2910	ENGT 283	H1	Digital Design Fabrication and Prototyping
2920	ENV& 101	H21	Introduction to Environmental Science
2940	FSE 258	H1	Restorative Art and Lab
2945	FSE 261	H1	Embalming II
2980	FTNS 154	H1	Exercise Prescription for Special Populations
3015	HMD5 101	H1	Information Literacy Strategies
3030	HMD5 114	H1	Tutor Training I
3085	IFAD 156	H3	8-Hour First Aid/CPR
3130	ITAD 111	H1	Computer Programming Fundamentals
3145	ITAD 122	H21	JavaScript
3150	ITAD 123	H1	C++ Programming I
3155	ITAD 133	H1	C++ Programming II
3160	ITAD 138	H1	Structured Query Language
3165	ITAD 221	H21	System Analysis and Design
3170	ITAD 222	H21	jQuery
3175	ITAD 228	H21	Programming in C#
3180	ITAD 235	H21	Algorithms and Data Structures
3185	ITAD 268	H21	Quality Assurance Methodologies
3190	ITAD 275	H21	PHP Scripting
3445	MATH 111	H1	College Algebra with Application
3455	MATH 341	H21	Mathematics of Design
3500	MATH& 146	H1	Statistics
3535	MEDA 116	H1	Medical Terminology
3560	MEDA 121	H1	Medical Office Skills
3570	MEDA 136	H1	Coding/Billing/Insurance
3585	MEDA 140	H1	Medical Reimbursement Systems

3590	MEDA 154	H1	Intermediate Medical Coding
3600	MEDA 211	H1	Medical Computer Applications
3615	MEDA 214	H1	Disease Conditions/Community Health
3630	MMDP 101	H1	Digital Design Survey
3635	MMDP 101	H21	Digital Foundations
3650	MMDP 108	H21	Interactive Media Design
3660	MMDP 117	H1	Typography
3695	MMDP 123	H21	Multimedia Authoring with Flash
3730	MMDP 142	H1	Image Editing 2 with Photoshop
3745	MMDP 153	H1	Introduction to Web and Mobile Design
3750	MMDP 158	H21	Prepress and Digital Publishing
3790	MMDP 290	H1	Portfolio/Job Search
4175	PSYC 441	H21	Psychology of Creativity
4225	PSYC& 200	H21	Lifespan Psychology
4270	PUBH 301	H1	Foundations of Public Health

WAOL Credit Courses

Summer Quarter 2014

ITEM	COURSE-ID	SEC	TITLE
8242	ECED& 100	W1	Child Care Basics
8243	ECED& 100	W1	Conceptos Basicos D Nino
5323	ECED& 105	W1	Intro to Early Childhood Education
8233	ECED& 107	W1	Curriculum Development
8232	ECED& 160	W1	Family Child Care Management
1735	ECED& 190	W1	Observation and Assessment
1745	EDUC& 130	W1	Guiding Behavior
1750	EDUC& 136	W1	School Age Care
	EDUC& 150	W1	Child, Family and Community

Fall Quarter 2014 Preview

ITEM	COURSE-ID	SEC	TITLE
5323	ECED& 105	W1	Intro to Early Childhood Education
8191	ECED& 132	W1	Infant/Toddler—Nurturing Care
2310	ECED& 134	W1	Family Child Care Management

eLearning Classes

With your busy schedule (work, family, obligations) who has time to take classes? You do! Virtual courses provide academic benefit and convenience to students just like you! A list of Online, Hybrid and WAOL courses are found right here!

www.lwtech.edu/el

Program Contacts

Program	Instructor	email	Phone	Office/Preferred Visit
Accounting	Rex Jacobsen	rex.jacobsen@lwtech.edu	739-8323	R105, Call/email for appt.
Architectural Graphics	Bob Mandy	bob.mandy@lwtech.edu	739-8305	E227, Tue, 5pm
Auto Collision Repair/Body/Paint	Jim Hicks	james.hicks@lwtech.edu	739-8372	E139, Call/email for appt.
Auto Repair Technician	Nolan Koreski	nolan.koreski@lwtech.edu	739-8352	E138, Daily, 10-11am
Auto Repair Technician	Michael Richmond	michael.richmond@lwtech.edu	739-8334	E137A, Daily, 8-9am
Auto Repair Technician	Jerry Peterson	jerry.peterson@lwtech.edu	739-8352	E140, Daily, 10-11am
Bachelor of Applied Science in Public Health	Advising	selective.admission@lwtech.edu	739-8300	W207, Call/email for appt.
Bachelor of Applied Science in Transportation and Logistics Management	Advising	selective.admission@lwtech.edu	739-8300	W207, Call/email for appt.
Bachelor of Technology in Applied Design	Advising	selective.admission@lwtech.edu	739-8300	W207, Call/email for appt.
Baking Arts	Janet Shaffer	janet.shaffer@lwtech.edu	739-8304	E151, Call/email for appt.
Building & Plant Maintenance	Dana Jacallen	dana.jacallen@lwtech.edu	739-8342	E136, Call/email for appt.
Business Technology	Letty Barnes	letty.barnes@lwtech.edu	739-8384	W408, Call/email for appt.
Childcare/Early Learning	Pat McPherson	pat.mcpherson@lwtech.edu	739-8358	S-8, Call/email for appt.
Civil Engineering	Bob Mandy	bob.mandy@lwtech.edu	739-8305	E227, Tue, 5pm
Computer Security & Network Technology	Mark Waddington	mark.waddington@lwtech.edu	739-8376	T414K, T219, Mon, 1-2pm
Computer Security & Network Technology	Jim Howe	jim.howe@lwtech.edu	739-8346	T414L, T219, Mon, 1-2pm
Computer Security & Network Technology	Joe Martorelli	joe.martorelli@lwtech.edu	739-8336	T414L, T219, Mon, 1-2pm
Computer Security & Network Technology	Marvin Everest	marvin.everest@lwtech.edu	739-8341	T414J, T219, Mon, 1-2pm
Culinary Arts	Maureen Stockmann	maureen.stockman@lwtech.edu	739-8141	W114C, email for an appt.
Culinary Arts	Matthew Dimeo	matthew.dimeo@lwtech.edu	739-8345	W114C, Call/email for appt.
Dental Assistant	Scarlet Kendrick	scarlet.kendrick@lwtech.edu	739-8369	A306H, Call/email for appt.
Dental Hygiene*	Advising	advising@lwtech.edu	739-8300	E128, Call/email for appt.
Diesel & Heavy Equipment	Gary Smith	gary.smith@lwtech.edu	739-8367	E160, Daily, 9-11am
Electronics Technician	Joe Gryniuk	joe.gryniuk@lwtech.edu	739-8343	E152, Call/email for appt.
Electronics Technician	Peter Welty	peter.welty@lwtech.edu	739-8203	E152, Call/email for appt.
Energy & Science Technology	George Dalich	george.dalich@lwtech.edu	739-8426	E132B, Call/email for appt.
Energy & Science Technology	Grace Lasker	grace.lasker@lwtech.edu	739-8660	E132C, Call/email for appt.
Engineering Graphics—Architectural	Bob Mandy	bob.mandy@lwtech.edu	739-8305	E227, Tue, 5pm
Engineering Graphics	Pablo Wenceslao	pablo.wenceslao@lwtech.edu	739-8401	Call/email for appt.
Engineering Graphics—Design Emphasis	Ken Brown	ken.brown@lwtech.edu	739-8327	E227, Wed, 10am
Engineering Graphics—Design Emphasis	Andrew Short	andrew.short@lwtech.edu	739-8337	E227, Wed, 10am
Engineering Technology	Mid Oyler	meoyler@lwtech.edu	739-8427	E136A, Call/email for appt.
Entrepreneurship	Daniela Axinte	daniela.axinte@lwtech.edu	739-8100, x8520	email for appt.
Environmental Horticulture	Don Marshall	don.marshall@lwtech.edu	739-8356	H-2, Wed, 12:30pm
Environmental Horticulture	Chris Smith	chris.smith@lwtech.edu	739-8424	H-2, Wed, 12:30pm
Fitness Specialist/Personal Trainer	Allen Levine	allen.levine@lwtech.edu	739-8290	E166, Call/email for appt.
Funeral Service Education	Lauren Budrow	lauren.budrow@lwtech.edu	739-8306	A104E, Call for appt.
Human Resources Management	Renee Mangini	renee.mangini@lwtech.edu	739-8775	R117, Call/email for appt.
Humanities	Jason Sobottka	jason.sobottka@lwtech.edu	739-8181	T414B
Information Technologies Applications Development	Alexandra Vaschillo	alexandra.vaschillo@lwtech.edu	739-8747	W112/email for appt.
Machine Technology	Dennis Candelaria	dennis.candelaria@lwtech.edu	739-5808	E158A, Call/email for appt.
Machine Technology	Mike Clifton	mike.clifton@lwtech.edu	739-8357	E159, M-Th, 1-3pm
Machine Technology	Steven Weaver	steven.weaver@lwtech.edu	739-5808	E158A, Call/email for appt.
Massage Practitioner	Kimberly Smith	kimberly.smith@lwtech.edu	739-8100	email for appt.
Medical Assisting	Jennifer Torrijos	jennifer.torrijos@lwtech.edu	739-8257	A210C, email for appt.
Medical Coding & Billing	Jennifer Torrijos	jennifer.torrijos@lwtech.edu	739-8257	A210D, email for appt.
Motorcycle, Marine & Power Equipment Service Technology	Don Dale	don.dale@lwtech.edu	739-8360	E158A, Call/email for appt.
Multimedia Design & Production—Digital Gaming & Media	Rob Gilbert	rob.gilbert@lwtech.edu	739-8340	Call/email for appt.
Multimedia Design & Production—Video & Web Production	Chris Jacek	chris.jacek@lwtech.edu	739-8300	W408, email for appt.
Multimedia Design & Production—Digital Design	Caroline Kapp	caroline.kapp@lwtech.edu	739-8267	T414F, email for appt.
Multimedia Design & Production—Digital Design	Karen Holum	karen.holum@lwtech.edu	739-8341	W408, Call/email for appt.
Occupational Therapy Assistant	Eleanor Wild	eleanor.wild@lwtech.edu	739-8300	A104B, email for appt.
Physical Therapist Assistant*	Advising	advising@lwtech.edu	739-8300	A104D, Call/email for appt.
Practical Nursing*	Advising	advising@lwtech.edu	739-8300	W207, Call/email for appt.

continued on next page...

Program Contacts

Program	Instructor	email	Phone	Office/Preferred Visit
Registered Nursing*	Advising	advising@lwtech.edu	739-8300	W207, Call/email for appt.
Social & Human Services	Heldi Shepherd	heldi.shepherd@lwtech.edu	739-8210	T414, Mon, 2-3pm
Transportation Core	Hans Knigge	hans.knigge@lwtech.edu	739-8322	E142, Daily, 11:30am
Transportation Core	Don Sutherland	don.sutherland@lwtech.edu	739-8334	E142, Daily, 10-11am
Welding Technology	David Meyers	david.meyers@lwtech.edu	739-8347	E163, Daily or by appt.
Welding Technology	Greg Weyer	greg.weyer@lwtech.edu	739-8347	E163, Daily or by appt.
Welding Technology	Doug Rupik	doug.rupik@lwtech.edu	739-8347	E163, Daily or by appt.
Wine Certificates	Blake Holaday	blake.holaday@lwtech.edu	739-8321	email for appt.
English-Core Academics	Phil Snider	phil.snider@lwtech.edu	739-8308	T414B, Call/email for appt.
English-Core Academics	Wes Mantooth	wesley.mantooth@lwtech.edu	739-8402	T414M, Call/email for appt.
English-Core Academics	Michael Lake	michael.lake@lwtech.edu	739-8371	T414N, Call/email for appt.
Math-Core Academics	Sue Kuestner	sue.kuestner@lwtech.edu	739-8366	T419, email for appt.
Math-Core Academics	William Bricken	william.bricken@lwtech.edu	739-8289	T420, email for appt.
Math-Core Academics	Sherry McLean	sherry.mclean@lwtech.edu	739-8229	W110E, email for appt.
Math-I-BEST	Hector Valenzuela	hector.valenzuela@lwtech.edu	739.8100, x8546	W110C, email for appt.
Psychology-Core Academics	Laura Toussaint	laura.toussaint@lwtech.edu	739-8338	W114, available by email

*Contact Student Development Services at (425) 739-8300 to check prerequisite requirements for specific programs and possible lab, equipment, tool, liability insurance, lab coat and other fees. Calculate costs for your training from the tuition table at www.lwtech.edu/tuition. Costs will vary based on credits taken per quarter.

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Please, recycle this
class schedule.
Thank you!

Fall Preview 2014

Bachelor of Applied Science in Public Health

BIOL 311 Public Health Biology 5cr
Prereq: Admission to the Bachelor of Applied Science in Public Health Program or instructor permission.

1440 H1³ Th 6:00pm-8:50pm Staff Fee: \$55

PHIL 301 Public Health Ethics 5cr
Prereq: Admission to the Bachelor of Applied Science in Public Health Program or instructor permission.

4150 L1³ ARR ARR

PUBH 301 Foundations of Public Health 5cr
Prereq: Admission to the Bachelor of Applied Science in Public Health Program or instructor permission.

4270 H1³ W 6:00pm-8:50pm

Bachelor of Technology in Applied Design

APDZ 310 Introduction to Applied Design 5cr
Prereq: Admission to Bachelor of Technology in Applied Design program or instructor permission.

1155 H21³ M 6:00pm-8:50pm Ater S

APDZ 333 Applied Design Technology 5cr
Prereq: Admission to the Bachelor of Technology in Applied Design program.

1160 H21³ M 6:00pm-8:50pm Wenceslao P Fee: \$80

APDZ 335 Introduction to Computational Design 5cr

Prereq: Admission to Bachelor of Technology in Applied Design program or instructor permission, HUM 311 or HUM 312 recommended.

1165 H21³ W 6:00pm-8:50pm Wenceslao P

APDZ 383 Digital Design Fabrication and Prototyping 5cr

Prereq: ENGT 131 or MMDP 124 (or CAD equivalent) and admission to the Bachelor of Technology in Applied Design program or instructor permission.

1170 H1³ M 1:00pm-5:50pm Wenceslao P Fee: \$80

APDZ 441 Project Management 5cr

Prereq: Admission to Bachelor of Technology in Applied Design program.

1175 H21³ Th 6:00pm-8:50pm Staff Fee: \$80

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APDZ 497 Design Practice Internship 1-5cr

Prereq: Admission to the Bachelor of Technology in Applied Design program and instructor permission.

1180 H21 ARR ARR Ater S

ART 305 Figural Form-making and Hand Drawn Technique 5cr

Prereq: Admission to the Bachelor of Technology in Applied Design program or instructor permission.

1360 01 MW 4:00pm-6:50pm Sobottka J Fee: \$80

ART 324 Printmaking for Designers 5cr

Prereq: Admission to the Bachelor of Technology in Applied Design program or instructor permission.

1365 21 TTh 4:00pm-6:50pm Sobottka J Fee: \$80

CMST 302 Mass Communication 5cr

Prereq: Admission to Bachelor of Technology in Applied Design program or instructor permission.

1740 H21 T 6:00pm-8:50pm Sobottka J

MATH 341 Mathematics of Design 5cr

Prereq: Admission to the Bachelor of Technology in Applied Design program.

3455 H21 T 6:00pm-8:50pm Bricken W

PSYC 441 Psychology of Creativity 5cr

Prereq: PSYC&100 or equivalent. Admission to Bachelor of Technology in Applied Design program or instructor permission.

4175 H21 Th 6:00pm-8:50pm Staff

Accounting

ACCT 111 Introduction to Accounting I 5cr

Prereq: MATH 070, ENGL 093, or equivalent placement score.

1065 21 MW 5:30pm-7:50pm Staff Fee: \$55

1070 1B MWF 1:30pm-2:50pm Jacobsen R Fee: \$55

1075 R1 MWF 1:30pm-2:50pm Jacobsen R Fee: \$55

ACCT 112 Business Calculator Applications 3cr

Prereq: MATH 070 or equivalent placement score.

1080 1B MWF 3:00pm-4:20pm Jacobsen R Fee: \$33

1085 R1 MWF 3:00pm-4:20pm Jacobsen R Fee: \$33

ACCT 210 Introduction to Accounting II 5cr

Prereq: ACCT 111, BUSA 100 or MATH 080, or instructor permission.

1095 R1 MWF 10:00am-11:30am Jacobsen R Fee: \$55

ACCT 255 Income Tax I 5cr

Prereq: ACCT 210.

1100 R1 TTh 8:00am-10:20am Staff

ACCT&201 Principles of Accounting I 5cr

Prereq: ACCT 210 recommended.

1105 R1 MWF noon-1:20pm Staff

ACCT&202 Principles of Accounting II 5cr

Prereq: ACCT& 201 or instructor permission.

1110 R1 MWF Noon-1:20pm Jacobsen R

Adult Basic Education

ABED 010 ABE Orientation 1cr

Prereq: CASAS placement test and WABERS demographic form, or instructor permission.

1000 02 ARR ARR Staff

1005 03 ARR ARR Staff

1010 H1 ARR ARR Staff

ABED 024 Writing Fundamentals 6cr

Prereq: Appropriate CASAS and writing scores and instructor's permission.

1015 01 TTh 9:00am-11:50am Staff

1020 21 MW 6:00pm-8:50pm Staff

ABED 030 Adult Basic Education Math I 1-2cr

Prereq: Instructor permission.

1025 01 ARR ARR Staff

ABED 040 Adult Basic Education Math II 5cr

Prereq: ABED 030, equivalent placement score, or instructor permission.

1030 01 MWF 9:00am-10:20am Staff

1035 02 ARR ARR Staff

ABED 046 Writing 5cr

Prereq: Equivalent placement score or instructor permission.

1040 01 MWF 11:30am-12:50pm Staff

1045 02 DAILY 11:00am-11:50am Staff

1050 21 TTh 6:00pm-8:30pm Staff

ABED 049 Structured GED Preparation 5cr

Prereq: Minimum CASAS Reading score and instructor permission.

1055 01 TTh 10:00am-12:10pm Staff

ABED 054 Online Grammar & Writing for Advanced ESL 2cr

Prereq: EASL 050 or equivalent placement.

1060 L1 ARR ARR Staff

American Sign Language

ASL& 121 American Sign Language I 5cr

1380 01 MW 1:30pm-3:50pm Staff

1385 R1 TTh 5:30pm-7:50pm Staff

ASL& 122 American Sign Language II 5cr

Prereq: ASL& 121.

1390 21 MW 5:30pm-7:50pm Staff

Architectural Graphics

See Engineering Graphics on page 38.

Art

ART 102 Design I 5cr

1290 01 MW 9:00am-11:50am Staff Fee: \$80

1295 H21 T 6:00pm-8:50pm Staff Fee: \$80

ART 111 Beginning Painting for Non Art Majors 5cr

1300 01 TTh 1:00pm-3:50pm Sobottka J Fee: \$80

ART 112 Intermediate Painting for Non Art Majors 5cr

Prereq: ART 111.

1305 01 TTh 1:00pm-3:50pm Sobottka J Fee: \$80

ART 113 Advanced Painting for Non Art Majors 5cr

Prereq: ART 112.

1310 01 TTh 1:00pm-3:50pm Sobottka J Fee: \$80

ART 121 Introduction to Drawing 5cr

1315 01 TTh 9:00am-11:50am Trumbo P Fee: \$80

1320 02 MW 1:00pm-3:50pm Gilbert R Fee: \$80

ART 124 Introduction to Printmaking 5cr

1325 21 TTh 4:00pm-6:50pm Sobottka J Fee: \$80

ART 205 Human Life Drawing 5cr

Prereq: ART 121 or instructor permission. This class draws from the nude human form.

1330 01 MW 4:00pm-6:50pm Sobottka J Fee: \$80

ART 235 Figure Drawing Research 5cr

Prereq: Admission to the BTAD or instructor permission.

1335 01 MW 4:00pm-6:50pm Sobottka J Fee: \$80

ART 252 Design II 5cr

Prereq: ART 102 and MMDP 126 or MMDP 159.

1340 L1 ARR ARR Chappell S Fee: \$80

ART 255 Beginning Painting for Art Majors 5cr
 Prereq: ART 121, ART 113, or instructor permission.
 1345 01 TTh 1:00pm-3:50pm Sobottka J Fee: \$80

ART 256 Intermediate Painting for Art Majors 5cr
 Prereq: ART 255.
 1350 01 TTh 1:00pm-3:50pm Sobottka J Fee: \$80

ART 257 Advanced Painting for Art Majors 5cr
 Prereq: ART 256
 1355 01 TTh 1:00pm-3:50pm Sobottka J Fee: \$80

ART 305 Figural Form-making and Hand Drawn Technique 5cr
 Prereq: Admission to the BTAD Program or instructor permission.
 1360 01 MW 4:00pm-6:50pm Sobottka J Fee: \$80

ART 324 Printmaking for Designers 5cr
 Prereq: Admission to the BTAD program or instructor permission.
 1365 21 TTh 4:00pm-6:50pm Sobottka J Fee: \$80

ART& 100 Art Appreciation 5cr
 1370 H1T Noon-1:00pm Staff Fee: \$80
 1375 L1T ARR ARR Staff Fee: \$80

Auto Collision Repair Technician

TRAN 110 Computer Basics/Transportation Trades 2cr
 Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.
 4365 01 DAILY 7:00am-11:50am Knigge H Fee: \$42
 4370 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$42

TRAN 112 Shop and Business Practices 5cr
 Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.
 4405 01 DAILY 7:00am-11:50am Knigge H Fee: \$105
 4410 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

TRAN 113 Basic Electrical Systems 4cr
 Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.
 4445 01 DAILY 7:00am-11:50am Knigge H Fee: \$84
 4450 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$84

TRAN 125 Mechanical Principles 5cr
 Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.
 4485 01 DAILY 7:00am-11:50am Knigge H Fee: \$105
 4490 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

ACRT 135 Door & Glass Service 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, and TRAN 125, or instructor permission. Coreq: ACRT 136, ACRT 235, ACRT 236, or instructor permission.
 1115 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 136 Measuring & Realignment Procedures 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, and TRAN 125, or instructor permission. Coreq: ACRT 135, ACRT 235, and ACRT 236, or instructor permission.
 1120 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 235 Welded Panel Removal & Replacement 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission. Coreq: ACRT 135, ACRT 136, ACRT 236, or instructor permission.
 1125 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 236 Corrosion Protection 4cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission. Coreq: ACRT 135, ACRT 136, ACRT 235, or instructor permission.
 1130 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 265 Advanced Non-Structural Repair 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 266, ACRT 267, ACRT 268.
 1135 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 266 Advanced Structural Repair 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 265, ACRT 267, ACRT 268.
 1140 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 267 Advanced Refinishing 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 265, ACRT 266, ACRT 268.
 1145 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ACRT 268 Advanced Estimating & Shop Management 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ACRT 265, ACRT 266, ACRT 267.
 1150 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

Auto Restoration

ARST 211 Introduction to Automotive Restoration 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 212, ARST 213, ARST 216.
 1270 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ARST 212 Automotive Restoration Repairs 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 211, ARST 213, ARST 216.
 1275 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ARST 213 Auto Restoration Refinishing 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 211, ARST 213, ARST 216.
 1280 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

ARST 216 Auto Restoration Estimating 4cr
 Prereq: ACRT 226, ACRT 236, ACRT 246, ACRT 256. Coreq: ARST 211, ARST 213, ARST 213.
 1285 01 DAILY 7:00am-11:50am Hicks J Fee: \$84

Automotive Repair Technician

TRAN 110 Computer Basics/Transportation Trades 2cr
 Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.
 4375 01 DAILY 7:00am-11:50am Knigge H Fee: \$42
 4380 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$42

TRAN 112 Shop and Business Practices 5cr
 Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.
 4415 01 DAILY 9:00am-11:50am Knigge H Fee: \$105
 4420 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

TRAN 113 Basic Electrical Systems 4cr
 Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.
 4455 01 DAILY 7:00am-11:50am Knigge H Fee: \$84
 4460 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$84

TRAN 125 Mechanical Principles 5cr
 Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.
 4495 01 DAILY 7:00am-11:50am Knigge H Fee: \$105
 4500 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

AUTO 120 Electrical/Electronics Systems 14cr
 Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission.
 1395 01 DAILY 7:00am-11:50am Peterson J Fee: \$224

AUTO 124 Maintenance Procedures 2cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, or instructor permission. Coreq: AUTO 120.

1400 01 DAILY 7:00am-11:50am Peterson J Fee: \$32

AUTO 140 Brake Systems 10cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 144.

1405 01 DAILY 7:00am-11:50am Koreski N Fee: \$160

AUTO 144 Suspension, Steering & Alignment 6cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 140.

1410 01 DAILY 7:00am-11:50am Koreski N Fee: \$96

AUTO 220 Automatic Transmission & Transaxles 8cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 210, AUTO 215, AUTO 225.

1415 01 DAILY 7:00am-11:50am Richmond M Fee: \$128

AUTO 225 Manual Transmission & Transaxles 8cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125. Coreq: AUTO 220.

1420 01 DAILY 7:00am-11:50am Richmond M Fee: \$128

AUTO 298 Job Search & Employability Skills 1cr

Prereq: Instructor permission.

1425 01 ARR ARR Koreski N

Baking Arts**BAKE 110 Cake Decoration 5cr**

Prereq: CULA 127. Coreq: BAKE 120.

1430 01 TWThF 8:00am-12:50pm Waters J Fee: \$55

BAKE 120 Specialty Cakes and Design 6cr

Prereq: CULA 127. Coreq: BAKE 110.

1435 01 TWThF 8:00am-12:50pm Waters J Fee: \$66

Biology**BIOL 311 Public Health Biology 5cr**

1440 H1 Th 6:00pm-8:50pm Staff Fee: \$55

BIOL&175 Human Biology w/Lab 5cr

Prereq: ENGL 092 or ENGL 093, MATH 070.

1445 01 TTh 8:00am-10:50am Staff Fee: \$55

1450 01 TTh 8:00am-10:50am Staff Fee: \$55

1455 02 MW 1:10pm-4:00pm Staff Fee: \$55

1460 03 TTh 1:10pm-4:00pm Staff Fee: \$55

1465 21 MW 5:30pm-8:20pm Staff Fee: \$55

BIOL&211 Cellular Biology 5cr

Prereq: ENGL 092 or 093 or equivalent placement score.

1470 01 MW 8:00am-10:50am Staff Fee: \$55

1475 03 TTh 1:30pm-4:20pm Staff Fee: \$55

1480 21 MW 5:30pm-8:20pm Staff Fee: \$55

1485 H1 W 1:30pm-4:20pm Staff Fee: \$55

1490 LC5 TTh 9:00am-11:50am Staff Fee: \$55

BIOL&241 Anatomy and Physiology I 6cr

Prereq: BIOL& 211 or instructor permission.

1495 01 MWF 8:00am-10:10am Staff Fee: \$66

1500 21 TTh 5:30pm-8:50pm Staff Fee: \$66

1505 22 MW 5:30pm-8:50pm Staff Fee: \$66

1510 H1 Th 1:10pm-4:20pm Staff Fee: \$66

BIOL&242 Anatomy and Physiology II 6cr

Prereq: BIOL&241 or instructor permission.

1515 01 MWF 8:00am-10:10am Staff Fee: \$66

1520 21 TTh 5:30pm-8:50pm Staff Fee: \$66

1525 H1 T 1:10pm-4:20pm Staff Fee: \$66

BIOL&260 Microbiology 5cr

Prereq: CHEM&121, BIOL&211.

1530 01 TTh 8:00am-11:20am Staff Fee: \$55

1535 02 TTh 1:10pm-4:30pm Staff Fee: \$55

1540 21 TTh 5:30pm-8:50pm Staff Fee: \$55

Building & Plant Maintenance**BPMT 200 Refrigeration Principles and Operation 6cr**

Prereq: ABED 040 or MATH 070 and ABED 046 or equivalent placement scores. Coreq: BPMT 205.

1545 01 DAILY 7:00am-11:50am Jacallen D Fee: \$96

BPMT 205 Refrigeration Servicing and Licensing 10cr

Prereq: ABED 040 or MATH 070, and ABED 046 or equivalent placement scores. Coreq: BPMT 200.

1550 01 DAILY 7:00am-11:50am Jacallen D Fee: \$160

Low Income Student?

Workforce Development Services

Services and Support to help YOU reach YOUR career and educational goals.

Services available may include:

- Tuition and Books
- Advising
- Career and Educational Planning
- Individualized Support Services
- Referrals to Community Agencies
- Job Search Assistance and resources

Opportunity Grant – Low income students that are Washington State residents and in Business, Accounting, or Healthcare programs may be eligible

WorkFirst – TANF recipients are eligible

Basic Food Employment & Training (BFET) – Students receiving federal food stamps and enrolled in Basic Skills or Professional-Technical Training at LWTech may be eligible.

Contact the Opportunity Grant office at (425)739-8100, x8448
 Contact the WorkFirst office at (425)739-8339 or (425)739-8131
 Contact the BFET office at (425) 576-5811

Or stop by
 West 207
 for more
 information

Jobs for LW Tech Students!

Register for LW Tech's Career Services Online (CSO) Employment System

- Go to www.lwtech.edu/erc
- "Click here to Register"
- Complete your Profile
- Search for Jobs

Information and Resources on the
LW Tech Employment Resource Center
website: www.lwtech.edu/erc.

The ERC is ready to assist you in the
West Building W-207, (425) 739-8113
or email job_placement@lwtech.edu.

Business

BUS& 101 Introduction to Business 5cr

Prereq: MATH 080, ENGL 100 or equivalent placement scores.

1670 R1 MW 10:30am-11:50am Staff

BUS& 201 Business Law 5cr

Prereq: ENGL 100 or equivalent placement score.

1675 R1 MW Noon-1:20pm Staff

Business Technology

BTE 101 Computer Applications 2cr

1555 01 MW 9:00am-10:20am Staff Fee: \$14

1560 L1 ARR ARR Staff Fee: \$14

BTE 105 Keyboarding I 3cr

1565 01 TTh 10:00am-11:50am Staff Fee: \$21

1570 L1 ARR ARR Staff Fee: \$21

BTE 106 Keyboarding II 3cr

Prereq: BTE 105 or instructor permission.

1575 01 TTh 10:00am-11:50am Staff Fee: \$21

1580 L1 ARR ARR Staff Fee: \$21

BTE 107 Keyboarding III 3cr

Prereq: BTE 106 or instructor permission.

1585 01 TTh 10:00am-11:50am Staff Fee: \$21

1590 L1 ARR ARR Staff Fee: \$21

BTE 111 Word I 5cr

1595 01 MW 1:10pm-4:00pm Staff Fee: \$35

1600 L1 ARR ARR Staff Fee: \$35

BTE 112 Excel I 5cr

Prereq: BTE 120 or instructor permission

1605 R1 TTh 1:30pm-4:20pm Staff Fee: \$35

BTE 114 Access I 5cr

Prereq: BTE 120 or instructor permission.

1610 01 TTh 1:10pm-4:00pm Barnes L Fee: \$35

BTE 120 Business Computer Management 3cr

1615 01 MW 9:00am-10:50am Staff Fee: \$21

1620 IB TTh 1:10pm-3:00pm Staff Fee: \$21

1625 R1 TTh 1:10pm-3:00pm Staff Fee: \$21

BTE 124 PowerPoint 4cr

1630 L1 ARR ARR Barnes L Fee: \$28

BTE 130 Business English I 5cr

1635 01 TTh 9:00am-11:50am Staff

BTE 195 Capstone Project 3cr

Prereq: Instructor permission.

1640 L1 ARR ARR Barnes L Fee: \$21

BTE 212 Excel II 5cr

1645 01 MW 1:10pm-4:00pm Barnes L Fee: \$35

Chemistry

CHEM&121 Intro to Chemistry 5cr

Prereq: ABED 046 or ABED 053, and MATH 09B or MATH 099, or equivalent placement scores.

1695 01 TTh 8:00am-10:50am Staff Fee: \$55

1700 02 MW 1:30pm-4:20pm Staff Fee: \$55

1705 21 TTh 5:30pm-8:20pm Staff Fee: \$55

1710 H1 Sa 8:00am-Noon Staff Fee: \$55

1715 LC MW 9:00am-11:50am Staff Fee: \$55

CHEM&131 Introduction to Organic/Biochemistry 5cr

Prereq: CHEM& 121.

1720 01 TTh 1:30pm-4:20pm Staff Fee: \$55

1725 21 MW 5:30pm-8:20pm Staff Fee: \$55

Civil Engineering Graphics

See Engineering Graphics on page 3B.

College Success

HMDS 101 Information Literacy Strategies 2cr

Prereq: ABED 045 or ABED 046 or equivalent placement score or instructor permission.

3015 H1 T 1:00pm-2:30pm Roduin C

HMDS 111 College Strategies 2cr

Prereq: ABED 046.

3020 01 TTh Noon-1:00pm Staff

3025 LC1 MW 10:30am-11:50am Staff

HMDS 114 Tutor Training I 1cr

Prereq: Instructor permission.

3030 H1 TTh Noon-12:50pm Staff

ENGL 065 Spelling Improvement 1-2cr

Prereq: ASC instructor permission.

2485 01 ARR ARR Staff

ENGL 067 Vocabulary Development 1-3cr

Prereq: ASC instructor permission.

2490 01 ARR ARR Staff

ENGL 095 Language Mechanics 1cr

Prereq: Appropriate placement score.

2540 01 ARR ARR Staff

ENGL 096 The Grammar of Writing 1cr

Prereq: ENGL 095 or equivalent placement score.

2545 01 ARR ARR Staff

ENGL 097 Reading Comprehension 1cr

Prereq: ENGL 095, ENGL 096, or equivalent placement score.

2550 01 ARR ARR Staff

Communication Studies

CMST 302 Mass Communication 5cr

Prereq: Admission to BTAD program or instructor permission.

1740 H21 T 6:00pm-8:50pm Sobottka J

CMST&210 Interpersonal Communication 5cr

Prereq: ABED 045 or ABED 046 or equivalent placement score.

1745	01	MWF	9:00am-10:20am	Staff
1750	02	TTh	10:30am-12:50pm	Staff
1755	04	MWF	Noon-1:20pm	Staff
1760	05	TTh	1:10pm-3:30pm	Staff
1765	21	TTh	5:30pm-7:50pm	Staff
1770	IB	MW	1:30pm-4:20pm	Staff
1775	LC1	MW	1:30pm-4:20pm	Staff
1780	LC2	MW	1:30pm-4:20pm	Staff
1785	LC3	MW	1:30pm-4:20pm	Staff

CMST&220 Introduction to Public Speaking 5cr

Prereq: ABED 045 or ABED 046 or equivalent placement score.

1790	01	MWF	10:30am-11:50am	Staff
1795	21	TTh	5:30pm-7:50pm	Staff
1800	H1	T	1:10pm-3:30pm	Staff

CMST&230 Small Group Communication 5cr

Prereq: ABED 045 or ABED 046 or equivalent placement score.

1805	H21	M	5:30pm-7:50pm	Staff
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Computer Security & Network Technician**CSNT 115 A+ Software Essentials 6cr**

Prereq: MATH 087 or equivalent placement score. Coreq: CSNT 116, CSNT 117.

1810	01	MTWTh	7:00am-11:50am	Everest M	Fee: \$96
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CSNT 116 A+ Hardware 6cr

Prereq: Math 87 or equivalent placement score. Coreq: CSNT 115, CSNT 117.

1815	01	MTWTh	7:00am-11:50am	Everest M	Fee: \$96
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CSNT 117 Exploring Command Line Interfaces 3cr

Prereq: Math 87 or equivalent placement score, or instructor permission. Coreq: CSNT 115, CSNT 116.

1820	01	F	7:00am-11:50am	Everest M	Fee: \$48
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CSNT 123 Current Operating Systems 6cr

Prereq: CSNT 115, ENGL 093 or instructor permission. Coreq: CSNT 124.

1825	01	MTWTh	7:00am-11:50am	Howe J	Fee: \$96
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CSNT 124 Open Source Operating Systems 6cr

Prereq: CSNT 117, ENGL 093, or instructor permission. Coreq: CSNT 123.

1830	01	MTWTh	7:00am-11:50am	Howe J	Fee: \$96
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CSNT 125 Shells & Scripts 3cr

Prereq: CSNT 117, ENGL 093, or instructor permission.

1835	01	F	7:00am-11:50am	Staff	Fee: \$48
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CSNT 231 Network Fundamentals I 6cr

Prereq: CSNT 125, MATH 090 OR MATH 098, or instructor permission. Coreq: CSNT 232, CSNT 233.

1845	01	DAILY	7:00am-11:50am	Einfeld M	Fee: \$96
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CSNT 232 Network Fundamentals II 6cr

Prereq: CSNT 125, MATH 090 OR MATH 098, or instructor permission. Coreq: CSNT 231, CSNT 233.

1850	01	DAILY	7:00am-11:50am	Einfeld M	Fee: \$96
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CSNT 233 Network Design 3cr

Prereq: CSNT 125, MATH 090 OR MATH 098, or instructor permission. Coreq: CSNT 231, CSNT 232.

1855	01	DAILY	7:00am-11:50am	Einfeld M	Fee: \$48
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CSNT 241 Network Security & Encryption 6cr

Prereq: CSNT 231, CSNT 232, CSNT 233, MATH 090 or MATH 098, ENGL 100, or instructor permission. Coreq: CSNT 242, CSNT 243.

1860	01	DAILY	7:00am-11:50am	Martorelli J	Fee: \$96
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Looking to improve your grades?

Register for College Strategies, HMDS 111.

- Learn how to be successful in college
- Gain study skills
- Identify your learning style
- Explore college resources
- Become an expert test taker

Fall Quarter

Day	Time	Item#
TTh	12:00pm-1:00pm	3020
MW	10:30am-11:50am	3025

For more information contact the Advising office at (425) 739-8300, or email advising@lwtech.edu

CSNT 242 VoIP & Wireless Computing 6cr

Prereq: CSNT 231, CSNT 232, CSNT 233, MATH 098 or MATH 099, ENGL 100, or instructor permission. Coreq: CSNT 241, CSNT 243.

1865	01	DAILY	7:00am-11:50am	Martorelli J	Fee: \$96
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CSNT 243 Cloud & Emerging Technology 3cr

Prereq: CSNT 231, CSNT 232, CSNT 233, MATH 098 or MATH 099, ENGL 100, or instructor permission. Coreq: CSNT 241, CSNT 242.

1870	01	DAILY	7:00am-11:50am	Martorelli J	Fee: \$48
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CSNT 251 Network Administration 12cr

Prereq: CSNT 231, CSNT 232, CSNT 233, MATH 098 or MATH 099, ENGL 100, or instructor permission. Coreq: CSNT 253.

1875	01	DAILY	7:00am-11:50am	Waddington M	Fee: \$192
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CSNT 253 Capstone 3cr

Prereq: CSNT 231, CSNT 232, CSNT 233, MATH 098 or MATH 099, ENGL 100, or instructor permission. Coreq: CSNT 251.

1880	01	DAILY	7:00am-11:50am	Waddington M	Fee: \$48
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Cooperative Work Experience**CWEX 190 Cooperative Work Experience Seminar 1cr**

Coreq: CWEX 197.

1960	01	ARR	ARR	Staff
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Cooking Up an Exciting Career

Check out our **Baking Arts and Culinary Arts** programs on pages 9, 11, 33 and 36.



CWEX 197 Cooperative Work Experience I 1-5cr

Prereq: Instructor permission.

1965 01 ARR ARR Staff

CWEX 290 Cooperative Work Experience Seminar II 1cr

Coreq: CWEX 297.

1970 01 ARR ARR Staff

CWEX 297 Cooperative Work Experience II 1-5cr

Prereq: Instructor permission.

1975 01 ARR ARR Staff

Criminal Justice

CJ& 101 Introduction to Criminal Justice 5cr

Prereq: ENGL 093.

1730 01 MWF Noon-1:20pm Staff

Culinary Arts

CULA 116 Culinary Skills and Concepts 9cr

Prereq: ABED 046 and MATH 070 or equivalent placement score, or instructor permission. Coreq: CULA 128.

1890 01 DAILY 11:00am-2:00pm Stockmann M Fee: \$99

CULA 119 Intermediate Culinary Skills & Concepts 7cr

Prereq: CULA 116, CULA 128.

1895 01 TWThF 8:00am-10:50am Stockmann M Fee: \$77

CULA 120 Restaurant Fundamentals 12cr

Prereq: CULA 124 or instructor permission.

1900 01 TWThF 10:00am-2:00pm Dimeo M Fee: \$132

CULA 124 Introduction to the Front of House 9cr

Prereq: CULA 116, CULA 128, or instructor permission.

1905 01 WThF 10:30am-2:00pm Keigley M Fee: \$99
T 10:30am-12:30pm

CULA 127 Introduction to Baking 12cr

Prereq: CULA 116, CULA 128, or instructor permission.

1910 01 MTWTh 8:00am-12:50pm Waters J Fee: \$132

CULA 128 Food Service Safety and Sanitation 3cr

1915 01 T 2:15pm-5:00pm Waters J Fee: \$33

CULA 130 Supervision and Management 3cr

Prereq: CULA 116, CULA 128, or instructor permission.

1920 01 T 2:15pm-5:00pm Keigley M

CULA 137 Nutrition in Food Service 3cr

1925 01 T 2:15pm-5:00pm Dimeo M Fee: \$33

CULA 142 Costing and Menu Planning 3cr

Prereq: CULA 116, CULA 128, or instructor permission.

1930 01 Th 2:15pm-5:00pm Keigley M Fee: \$33

CULA 143 Wine & Food Pairing 3cr

Prereq: Must be at least 21 years old.

1935 01 T 2:15pm-5:00pm Staff Fee: \$33

CULA 146 Garde Manger 4cr

Prereq: CULA 119.

1940 01 MW 2:15pm-5:00pm Stockmann M Fee: \$44

CULA 195 Capstone, Portfolio 5cr

Prereq: CULA 120 or BAKE 122, and CULA 128.

1945 01 ARR 11:15am-12:15pm Staff Fee: \$55

CULA 196 Internship/Externship/Cooperative 5cr

Prereq: CULA 120 or BAKE 122, and instructor permission.

1950 01 ARR ARR Staff Fee: \$55

Dental Assistant

DENT 111 Introduction to Dental Assisting 2cr

Prereq: Admission to the Dental Assistant program.

1980 01 T 10:00am-11:50am Peyton J

DENT 112 Introduction to Chairside Procedure 5cr

Prereq: Admission to the Dental Assistant Program.

1985 01 W 10:00am-11:50am Toner M Fee: \$250

1990 02 W 1:00pm-3:50pm Toner M Fee: \$250

1995 03 Th 1:00pm-3:50pm Toner M Fee: \$250

DENT 113 Dental Practice Theory 5cr

Prereq: Admission to the Dental Assistant program.

2000 01 F 1:00pm-4:20pm Jain S Fee: \$250

DENT 114 Ethics & Law, Office Management 2cr

2005 01 M 1:00pm-2:50pm Kendrick S

DENT 115 Oral Science 3cr

Prereq: Admission to the Dental Assistant program.

2010 01 M 9:00am-11:50am Jain S Fee: \$18

DENT 117 Dental Materials I 3cr

Prereq: Admission to the Dental Assistant program.

2015 01 Th 10:00am-11:50am Kendrick S Fee: \$150

DENT 131 Dental Assisting Practicum II 7cr

Prereq: DENT 112, DENT 114, DENT 117, DENT 121, DENT 127, or instructor permission.

2020 01 TW 8:00am-Noon Jain S Fee: \$350

DENT 133 Restorative Dentistry Dental Assisting 3cr

Prereq: DENT 115, DENT 117, DENT 127, or instructor permission.

2025 01 M 1:00pm-3:00pm Peyton J Fee: \$150

DENT 136 Radiography 2cr

Prereq: DENT 115, DENT 124, or instructor permission.

2030 01 F Noon-12:50pm Toner M Fee: \$100

DENT 137 Dental Specialties 4cr

Prereq: DENT 111, DENT 112, DENT 115, DENT 124, or instructor permission.

2035 01 Th 3:00pm-4:50pm Beatty C Fee: \$200

Dental Hygiene

DHYG 111 Medical Emergencies 1cr

Prereq: Admission to the Dental Hygiene program.

Coreq: DHYG 112, DHYG 113, DHYG 114, DHYG 115, DHYG 116, DHYG 118, DHYG 119.

2055 01 T 1:00pm-3:00pm Black E Fee: \$50

DHYG 112 Dental Hygiene Practice I 6cr

Prereq: Admission to the Dental Hygiene program. Coreq:

DHYG 111, DHYG 113, DHYG 114, DHYG 115, DHYG 116, DHYG 118, DHYG 119.

2060 01 W 1:00pm-4:00pm Davis B Fee: \$300

DHYG 113 Restorative Dentistry I 3cr

Prereq: Admission to the Dental Hygiene program.

2065 01 W 10:00am-11:50am Kendrick S Fee: \$168

2070 01 M 10:00am-Noon Gallagher M Fee: \$168

Dental Hygiene Prerequisite Offerings

Below is the list of prerequisites for the Dental Hygiene program

CHEM&	121	Intro to Chemistry	5cr
CHEM&	131	Intro to Organic/Biochemistry	5cr
CMST		CMST 210 or 220	5cr
NUTR&	101	Nutrition for Healthcare Professionals	5cr
BIOL&	241	Human A & P 1*	6cr
BIOL&	242	Human A & P 2	6cr
BIOL&	260	Microbiology	5cr
ENGL&	101	English Composition I	5cr
MATH		Math 107 or college level with Math 99 as prerequisite	5cr
PSYC&	100	General Psychology	5cr
SOC&	101	Intro to Sociology	5cr

* BIOL& 211 must be completed before this class

Same students need additional classes. To make sure you are on track to complete all admission requirements, please attend an information session. Dates and locations can be found at www.lwtech.edu/selectiveadmission

DHYG 114 Principles & Issues in Dental Hygiene I 2cr

Prereq: Admission to the Dental Hygiene program. Coreq: DHYG 111, DHYG 112, DHYG 113, DHYG 115, DHYG 116, DHYG 118, DHYG 119.

2075 01 Th 8:00am-10:00am Roderick R

DHYG 115 Head and Neck Anatomy 2cr

Prereq: Admission to the Dental Hygiene program. Coreq: DHYG 111, DHYG 112, DHYG 113, DHYG 114, DHYG 116, DHYG 118, DHYG 119.

2080 01 Th 10:00am-Noon Davis B

DHYG 116 Radiology 3cr

Prereq: Admission to the Dental Hygiene program.

2085 01 T 10:00am-11:50am Kendrick S Fee: \$150

DHYG 118 Periodontology I 2cr

Prereq: Admission to the Dental Hygiene program.

2090 01 W 8:00am-10:00am Davis B

DHYG 212 Dental Hygiene Practice V 10cr

Prereq: DHYG 142, DHYG 143, DHYG 145, DHYG 218.

2095 01 T 2:30pm-5:30pm Baca C Fee: \$500

DHYG 213 Restorative Dentistry V 3cr

Prereq: DHYG 142, DHYG 143, DHYG 145, DHYG 218.

2100 01 M 1:00pm-5:00pm Ko C Fee: \$150

DHYG 214 Principles & Issues IV 2cr

Prereq: DHYG 142, DHYG 143, DHYG 145, DHYG 218. Coreq: DHYG 212, DHYG 213, DHYG 215, DHYG 219

2105 01 Th 1:00pm-3:00pm Roderick R

DHYG 215 Community Dental Health III 3cr

Prereq: DHYG 142, DHYG 143, DHYG 145, DHYG 218. Coreq: DHYG 212, DHYG 213, DHYG 214, DHYG 219

2110 01 Th 3:00pm-5:00pm Lindeman D Fee: \$150

DHYG 219 Pathology II 2cr

Prereq: DHYG 142, DHYG 143, DHYG 145, DHYG 218. Coreq: DHYG 212, DHYG 213, DHYG 214, DHYG 215

2115 01 T 12:30pm-2:30pm Davis B

Diesel & Heavy Equipment Technician

TRAN 110 Computer Basics/Transportation Trades 2cr

Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.

4385 01 DAILY 7:00am-11:50am Knigge H Fee: \$42

4390 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$42

TRAN 112 Shop and Business Practices 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.

4425 01 DAILY 7:00am-11:50am Knigge H Fee: \$105

4430 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

TRAN 113 Basic Electrical Systems 4cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.

4465 01 DAILY 7:00am-11:50am Knigge H Fee: \$84

4470 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$84

TRAN 125 Mechanical Principles 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.

4505 01 DAILY 7:00am-11:50am Knigge H Fee: \$105

4510 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

DHET 211 Hydraulic Fluid Power I 6cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125.

2040 01 DAILY 7:00am-11:50am Smith G Fee: \$96

DHET 213 Hydraulic Fluid Power II 6cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125, and completion of, or concurrent enrollment in DHET 211 and DHET 212.

2045 01 DAILY 7:00am-11:50am Smith G Fee: \$96

DHET 214 Diesel Mechanical Practices 3cr

Prereq: TRAN 110, TRAN 112, TRAN 113 and TRAN 125.

2050 01 DAILY 7:00am-11:50am Smith G Fee: \$48

Early Childhood Education

ECED&105 Intro to Early Childhood Education 5cr

Coreq: ECED& 120.

5323 W1¹ ARR ARR Staff

ECED&107 Health, Safety and Nutrition 5cr

2290 02 MWF 2:00pm-3:20pm McPherson P

2295 21 TTh 6:30pm-9:30pm McPherson P

ECED&120 Practicum-Nurturing Relationships 2cr

Coreq: ECED& 105.

2300 H2¹ ARR ARR McPherson P

2305 H21¹ ARR ARR McPherson P

ECED&132 Infant and Toddlers-Nurturing Caregiving 3cr

8191 W1¹ ARR ARR Staff

ECED&134 Family Child Care 3cr

2310 W1¹ ARR ARR Distance Ed

EDUC&115 Child Development 5cr

Prereq: ABED 046, ABED 040 or MATH 070.

2350 H21¹ TTh 6:30pm-9:30pm McPherson P

EDUC&130 Guiding Behavior 3cr

2350 H21¹ ARR ARR McPherson P

EDUC&205 Introduction to Education 5cr

Prereq: ABED 046, ABED 040 or MATH 070.

2355 01 TTh 10:30am-12:50pm Staff

2360 H21¹ M 5:30pm-7:50pm Staff

Economics

ECON&202	Macro Economics	5cr
<i>Prereq: MATH 070 or ABED 040, ENGL 092 or ENGL 093, or equivalent placement scores.</i>		
2330 RI	TTh	10:30am-12:50pm Staff

Electronics Technology

ELEC 110	Introduction to Electronics I (Survey Course)	6cr
<i>Prereq: MATH 080 and ENGL 093 or instructor permission.</i>		
2365 01	MTWTh 2:15pm-8:20pm	Gryniuk J Fee: \$96
2370 21	MTW 5:30pm-8:20pm	Gryniuk J Fee: \$96
ELEC 111	Computer Literacy for Electronics Professionals	2cr
2375 01	MTWTh 2:15pm-8:20pm	Gryniuk J Fee: \$32
ELEC 113	Career Planning and Leadership I	2cr
2380 01	MTWTh 2:15pm-8:20pm	Gryniuk J Fee: \$32
ELEC 114	Electronics Testing Processes and Techniques I	2cr
<i>Prereq: MATH 080, ENGL 093, or equivalent placement scores, or instructor permission. Coreq: ELEC 110.</i>		
2385 01	MTWTh 2:15pm-8:20pm	Gryniuk J Fee: \$32
ELEC 116	Introduction to Programmable Logic Controllers	5cr
<i>Prereq: ELEC 110 or instructor permission.</i>		
2390 01	ARR ARR	Welly P Fee: \$80
ELEC 120	Introduction to Electronics II	6cr
<i>Prereq: ELEC 110.</i>		
2395 01	MTWTh 2:15pm-8:20pm	Gryniuk J Fee: \$96
2400 21	TWTh 5:30pm-8:20pm	Gryniuk J Fee: \$96
ELEC 211	Digital Electronics	6cr
2410 01	WTh 7:00am-11:50am	Welly P Fee: \$96
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 213	Career Plan & Leadership II	2cr
<i>Prereq: ELEC 113.</i>		
2415 01	WTh 7:00am-11:50am	Welly P Fee: \$32
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 216	Mechatronics	4cr
<i>Prereq: ELEC 116.</i>		
2420 01	WTh 7:00am-11:50am	Welly P Fee: \$64
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 217	Data Acquisition & Analysis	5cr
<i>Prereq: ELEC 114, ELEC 137.</i>		
2425 01	WTh 7:00am-11:50am	Welly P Fee: \$80
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 221	FCC/CET Preparation	1cr
<i>Prereq: ELEC 224 or instructor permission.</i>		
2430 01	WTh 7:00am-11:50am	Welly P Fee: \$16
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 223	Communication Electronics	5cr
<i>Prereq: ELEC 225.</i>		
2435 01	WTh 7:00am-11:50am	Welly P Fee: \$80
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	

ELEC 234	IPC/WHMA-A-620 Certification Program	5cr
<i>Prereq: ELEC 126 or instructor permission.</i>		
2440 01	MTWTh 2:15pm-8:20pm	Gryniuk J Fee: \$80
ELEC 237	Intro to Microprocessors & Microcontrollers	5cr
<i>Prereq: ELEC 211.</i>		
2445 01	WTh 7:00am-11:50am	Welly P Fee: \$80
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 239	Printed Circuit Board Layout and Design	6cr
<i>Prereq: Instructor permission.</i>		
2450 01	WTh 7:00am-11:50am	Welly P Fee: \$96
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	
ELEC 297	Electronics Capstone, Degree Level	4cr
<i>Prereq: Instructor permission.</i>		
2455 01	WTh 7:00am-11:50am	Welly P Fee: \$64
	F 8:00am-3:20pm	
	Sa 8:00am-4:20pm	

Energy & Science Technician

ETEC 110	Intro to Alternative Energy & Energy Management	5cr
<i>Prereq: MATH 090, ABED 046, or equivalent placement scores, or instructor permission.</i>		
2925 01	TTh 1:00pm-3:50pm	Staff Fee: \$55
ETEC 124	Fundamentals of Water and Wind Power	5cr
<i>Prereq: ETEC 110 or instructor permission.</i>		
2930 21	MW 5:30pm-8:20pm	Staff Fee: \$55
STEC 198	Cooperative Work Seminar	1cr
<i>Coreq: STEC 199</i>		
4355 01	ARR ARR	Staff
STEC 199	Cooperative Work Experience	4cr
<i>Coreq: STEC 198</i>		
4360 01	ARR ARR	Staff

Engineering Graphics

ARCH 201	History of American Architecture	3cr
<i>Prereq: ENGT 101 or instructor permission.</i>		
1185 01	MTWTh 1:10pm-6:30pm	Mandy R Fee: \$48
ARGT 111	Architectural Print Reading I	2cr
<i>Prereq: ENGT 101 or instructor permission.</i>		
1190 01	MTWTh 1:10pm-4:00pm	Staff Fee: \$32
ARGT 112	Construction Techniques	3cr
<i>Prereq: ARGT 111.</i>		
1195 01	MTWTh 1:10pm-4:00pm	Staff Fee: \$48
ARGT 121	Architectural Graphics	4cr
<i>Prereq: ENGT 101 or instructor permission.</i>		
1200 01	MTWTh 1:10pm-4:00pm	Staff Fee: \$64
ARGT 131	Revit Architecture I	4cr
<i>Prereq: ARGT 121 or instructor permission.</i>		
1205 01	ThF 3:00pm-5:50pm	Staff Fee: \$64
1210 21	MW 6:00pm-8:50pm	Staff Fee: \$64
ARGT 132	Revit Architecture II	4cr
<i>Prereq: ENGT 131, ARGT 131.</i>		
1215 01	ThF 3:00pm-5:50pm	Staff Fee: \$64
1220 21	MW 6:00pm-8:50pm	Staff Fee: \$64
ARGT 211	Architectural Print Reading II	2cr
<i>Prereq: ARGT 222 or instructor permission.</i>		
1225 01	MTWTh 1:10pm-5:30pm	Mandy R Fee: \$32

ARGT 212 Residential Construction Techniques 4cr

Prereq: ARGT 112.

1230 01 MTWTh 1:00pm-6:30pm Mandy R Fee: \$64

ARGT 221 Residential Design Drawings 4cr

Prereq: ARGT 211 and ARCH 201, or instructor permission.

1235 01 MTWTh 1:10pm-6:30pm Mandy R Fee: \$64

ARGT 222 Residential Construction Documents 4cr

Prereq: ARGT 221, or instructor permission.

1240 01 MTWTh 1:10pm-6:30pm Mandy R Fee: \$64

ARGT 241 Architectural Illustration 3cr

Prereq: ENG 131 or ARGT 131.

1245 01 MTWTh 1:10pm-6:30pm Staff Fee: \$48

ARGT 245 Architectural Model Building 4cr

Prereq: ARGT 221.

1250 01 MTWTh 1:10pm-6:30pm Mandy R Fee: \$64

ARGT 261 Architectural Problems I 4cr

Prereq: ENG 132, ARGT 222.

1255 01 MTWTh 1:10pm-6:30pm Mandy R Fee: \$64

ARGT 262 Architectural Problems II 4cr

Prereq: ARGT 222.

1260 01 MTWTh 1:10pm-6:30pm Mandy R Fee: \$64

ARGT 275 Architectural Graphics Individual Projects 1-6cr

Prereq: Instructor permission.

1265 01 MTWTh 1:10pm-6:30pm Mandy R Fee: \$96

CEGT 231 Civil 3D Computer Aided Design I 4cr

Prereq: ENG 131 and CEGT 211, or instructor permission.

1680 02 MW 6:00pm-8:50pm Staff Fee: \$64

CEGT 232 Civil 3D Computer Aided Design II 4cr

Prereq: CEGT 231 or instructor permission.

1685 02 MW 6:00pm-8:50pm Staff Fee: \$64

CEGT 233 Civil 3D Computer Aided Design III 4cr

Prereq: CEGT 232.

1690 02 MW 6:00pm-8:50pm Staff Fee: \$64

ENGR 121 Graphic Problem Solving 4cr

Prereq: ENGR& 112 or instructor permission.

2710 01 DAILY 7:00am-11:30am Staff Fee: \$64

ENGR 123 Applied Dimensioning and Tolerancing 4cr

Prereq: ENGR& 112 or instructor permission.

2715 01 DAILY 7:00am-11:30am Staff Fee: \$64

ENGR&111 Engineering Graphics 1 4cr

2720 01 MTWTh 7:00am-11:30am Staff Fee: \$64

2725 02 MTWTh 1:10pm-5:40pm Staff Fee: \$64

ENGR&112 Engineering Graphics 2 4cr

MATH 087 or MATH 090 (as pre or corequisite), ENGR& 111 (as a pre or corequisite), or instructor permission.

2730 01 MTWTh 7:00am-11:30am Staff Fee: \$64

2735 02 MTWTh 1:10pm-5:40pm Staff Fee: \$64

ENG 101 Engineering Introduction and Orientation 2cr

Prereq: ABED 046 and ABED 040 or MATH 070.

2740 01 F 7:00am-9:30am Staff Fee: \$32

2745 02 MW 4:30pm-5:50pm Staff Fee: \$32

ENG 105 Engineering Computer Applications 2cr

Prereq: ABED 046 and ABED 040 or MATH 070.

2750 01 F 9:30am-11:50am Staff Fee: \$32

2755 02 TTh 4:30pm-5:50pm Staff Fee: \$32

ENG 108 Introduction to Drafting 4cr

2760 01 DAILY 7:00am-11:50am Staff Fee: \$64

ENG 131 AutoCAD I 4cr

Prereq: ENGR& 112, or instructor permission.

2765 01 MTWTh 7:00am-11:50am Staff Fee: \$64

2770 02 MTWTh 1:10pm-6:00pm Staff Fee: \$64

2775 21 MW 6:00pm-8:50pm Staff Fee: \$64

ENG 132 AutoCAD II 4cr

Prereq: ENG 131 (pre or corequisite) or instructor permission.

2780 01 MTWTh 7:00am-11:30am Staff Fee: \$64

2785 02 MTWTh 1:10pm-6:00pm Staff Fee: \$64

2790 21 MW 6:00pm-8:50pm Staff Fee: \$64

ENG 133 AutoCAD III 4cr

Prereq: ENG 131 or instructor permission.

2795 21 MW 6:00pm-8:50pm Staff Fee: \$64

ENG 141 Applied Materials Technology 4cr

Prereq: ENGR 121 or instructor permission.

2800 01 DAILY 7:00am-11:30am Staff Fee: \$64

ENG 202 Specialized Technical Employment Preparation 2cr

Prereq: ENG 102.

2805 01 DAILY 7:00am-11:50am Staff Fee: \$32

2810 02 MTWTh 1:10pm-5:30pm Staff Fee: \$32

ENG 211 Applied Industrial Graphics 4cr

Prereq: ENG 122, ENG 131, or instructor permission.

2815 01 DAILY 7:00am-11:50am Staff Fee: \$64

ENG 222 CATIA V5 for Engineering I 4cr

Prereq: ENG 133 or instructor permission.

2820 21 TTh 6:00pm-8:50pm Staff Fee: \$64

ENG 223 CATIA V5 for Engineering II 4cr

Prereq: ENG 133, or ENG 222, or instructor permission.

2825 21 TTh 6:00pm-8:50pm Staff Fee: \$64

ENG 224 CATIA V5 for Engineering III 4cr

Prereq: ENG 133, or ENG 223, or instructor permission.

2830 21 TTh 6:00pm-8:50pm Staff Fee: \$64

ENG 225 SolidWorks for Engineering I 4cr

Prereq: ENG 131 or instructor permission.

2835 01 DAILY 7:00am-11:50am Staff Fee: \$64

2840 21 TTh 6:00pm-8:50pm Staff Fee: \$64

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ENGT 226 SolidWorks for Engineering II 4cr

Prereq: ENGT 225 (pre or corequisite) or instructor's permission.

2845	01	DAILY	7:00am-11:50am	Staff	Fee: \$64
2850	21	TTh	6:00pm-8:50pm	Staff	Fee: \$64

ENGT 227 SolidWorks for Engineering III 4cr

Prereq: ENGT 226 or instructor permission.

2855	01	DAILY	7:00am-11:50am	Staff	Fee: \$64
2860	21	TTh	6:00pm-8:50pm	Staff	Fee: \$64

ENGT 251 Industrial Design Graphics 4cr

Prereq: ENGT 211, ENGT 255, or instructor permission.

2865	01	DAILY	7:00am-11:50am	Staff	Fee: \$64
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ENGT 253 Machine Design Graphics 4cr

Prereq: ENGT 211, ENGT 225, or instructor permission.

2870	01	DAILY	7:00am-11:50am	Staff	Fee: \$64
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ENGT 257 Tool Design Graphics III 4cr

Prereq: ENGT 256.

2875	01	DAILY	7:00am-11:50am	Staff	Fee: \$64
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ENGT 271 Engineering Graphics Problems and Analysis I 4cr

Prereq: ENGT 251, ENGT 253, or instructor permission.

2880	01	TTh	9:00am-Noon	Staff	Fee: \$64
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ENGT 272 Engineering Graphics Problems and Analysis II 4cr

Prereq: ENGT 271.

2885	01	TTh	10:00am-Noon	Staff	Fee: \$64
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ENGT 275 Individual Projects 1-6cr

2890	01	ARR	ARR	Staff	Fee: \$96
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2895	02	ARR	ARR	Staff	Fee: \$96
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2900	03	ARR	ARR	Staff	Fee: \$96
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2905	04	ARR	ARR	Staff	Fee: \$96
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ENGT 283 Digital Design Fabrication and Prototyping 4cr

Prereq: ENGT 131 or MMDP 124 or instructor permission.

2910	H1	M	1:00pm-5:50pm	Staff	Fee: \$64
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ENGT 291 Practical Design Analysis 4cr

Prereq: ENGT 251, ENGT 255, or instructor permission.

2915	01	DAILY	7:00am-11:50am	Staff	Fee: \$64
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Engineering Technology

ENG 132 Mechanics-Statics and Dynamics 5cr

Prereq: ENG 131. Coreq: MATH 132.

2470	21	MW	5:00pm-8:30pm	Oyler M	Fee: \$105
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ENG 134 Electronic Systems 5cr

Prereq: ENG133. Coreq: MATH 134.

2475	21	Th	5:00pm-8:30pm	Oyler M	Fee: \$105
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ENG 135 Analysis In Eng Tech I 2cr

2478	01	MW	4:50pm-4:50pm	Oyler M	
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ENG 199 Engineering Technology Independent Study 1-6cr

Prereq: Instructor permission. Students registering for independent study must submit, at or before registration, a description and timetable for completion, signed by both the instructor supervising the independent study and the student.

2480	01	ARR	ARR	Oyler M	Fee: \$126
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English

ENGL 065 Spelling Improvement 1-2cr

Prereq: ASC instructor permission.

2485	01	ARR	ARR	Staff	
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ENGL 067 Vocabulary Development 1-3cr

Prereq: ASC instructor permission.

2490	01	ARR	ARR	Staff	
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ENGL 092 Reading Improvement 5cr

Prereq: ABED 046, or equivalent placement score, or instructor permission.

2495	01	MWF	Noon-1:20pm	Staff	
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ENGL 093 Beginning English 5cr

Prereq: ABED 046 or equivalent placement score.

2500	IB	MWF	Noon-1:20pm	Staff	
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2505	IB	MWF	10:30am-11:50am	Staff	
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2510	LC1	MWF	9:00am-10:20am	Staff	
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2515	LC2	MWF	10:30am-11:50am	Staff	
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2520	LC3	MWF	Noon-1:20pm	Staff	
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2525	01	TTh	10:30am-12:50pm	Staff	
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2530	02	TTh	1:10pm-3:30pm	Staff	
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2535	21	MW	5:30pm-7:50pm	Staff	
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ENGL 095 Language Mechanics 1cr

Prereq: Appropriate placement score.

2540	01	ARR	ARR	Staff	
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ENGL 096 The Grammar of Writing 1cr

Prereq: ENGL 095 or equivalent placement score.

2545	01	ARR	ARR	Staff	
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ENGL 097 Reading Comprehension 1cr

Prereq: ENGL 095, ENGL 096, or equivalent placement score.

2550	01	ARR	ARR	Staff	
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ENGL 100 Intro To Essay Writing 5cr

Prereq: ENGL 092, ENGL 093A or ENGL 093B, or equivalent placement scores.

2555	01	TTh	8:00am-10:20am	Staff	
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2560	03	MWF	Noon-1:20pm	Staff	
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2565	04	TTh	1:10pm-3:30pm	Staff	
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2626	R1	TTh	noon-2:20pm	Staff	
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2570	05	TTh	10:30am-12:50pm	Staff	
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2575	21	MW	5:30pm-7:50pm	Staff	
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2580	H21	F	5:30pm-7:50pm	Staff	
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2585	IB	MWF	Noon-1:20pm	Staff	
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2590	IB	MWF	10:30am-12:50pm	Staff	
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2595	LC1	MWF	9:00am-10:20am	Staff	
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2600	LC2	MWF	10:30am-11:50am	Staff	
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2605	LC3	MWF	Noon-1:20pm	Staff	
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ENGL&101 English Composition I

Prereq: ENGL 100 or equivalent placement score.

2615	01	MWF	7:00am-8:50am	Staff
2620	02	TTh	8:00am-10:20am	Staff
2625	04	MWF	Noon-1:20pm	Staff
2630	05	MW	1:30pm-3:50pm	Staff
2635	06	TTh		Staff
2640	07	TTh	10:30am-12:50pm	Staff
2645	21	MW	5:30pm-7:50pm	Staff
2650	H21	F	5:30pm-7:50pm	Staff
2655	IB	MWF	Noon-1:20pm	Staff
2660	IB	MWF	10:30am-11:50am	Staff
2665	L1	ARR	ARR	Staff
2670	L2	ARR	ARR	Staff
2675	LC1	MWF	9:00am-10:20am	Staff
2680	LC2	MWF	10:30am-11:50am	Staff
2685	LC3	MWF		Staff

5cr

ENGL&102 English Composition II

Prereq: ENGL& 101.

2690	01	MWF	Noon-1:20pm	Staff
2695	02	TTh	1:10pm-3:30pm	Staff
2700	L1	ARR	ARR	Staff

5cr

ENGL&111 Intro to Literature

Prereq: ENGL 100 or equivalent placement score.

2705	01	MWF	Noon-1:20pm	Staff
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5cr

English as a Second Language (ESL)**EASL 015 Beginning ESL Literacy**

Prereq: Appropriate placement score.

2125	01	DAILY	9:00am-11:50am	Staff
2130	21	MTWTh	6:00pm-8:50pm	Staff

1-12cr

EASL 016 Low Beginning ESL

Prereq: EASL 015 or equivalent placement score.

2135	01	DAILY	9:00am-11:50am	Staff
2140	H21	MTWTh	6:00pm-8:50pm	Staff

1-12cr

EASL 028 Accent Correction I

Prereq: EASL 030 or equivalent placement score.

2145	01	ARR	ARR	Staff
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1cr

EASL 030 High Beginning ESL

Prereq: EASL 016 or equivalent placement score.

2150	01	DAILY	9:00am-11:50am	Staff
2155	01	DAILY	9:00am-11:50am	Ramirez C
2160	21	MTWTh	6:00pm-8:50pm	Staff

1-15cr

EASL 040 Low Intermediate ESL

Prereq: EASL 030 or equivalent placement score.

2165	21	TTh	6:00pm-8:50pm	Staff
2170	R1	MTWTh	9:00am-12:50pm	Kill M
2175	R21	MW	6:00pm-8:50pm	Staff

1-15cr

EASL 042 ESL Writing Fundamentals

Prereq: EASL 030 or equivalent placement score.

2180	01	Th	Noon-2:50pm	Staff
2185	21	W	6:00pm-8:50pm	Staff

1-9cr

EASL 050 High Intermediate ESL

Prereq: EASL 040 or equivalent placement score.

2190	01	DAILY	9:00am-11:50am	Staff
2195	21	TTh	6:00pm-8:50pm	Staff
2200	R1	MTWTh	9:00am-12:50pm	Kill M
2205	R21	MW	6:00pm-8:50pm	Staff

1-15cr

EASL 057 ESL Writing High/Intermediate

Prereq: EASL 040 or equivalent placement score.

2210	L1	ARR	ARR	Staff
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3cr

EASL 060 Connect with English

Prereq: EASL 030 or equivalent placement score.

2215	01	ARR	ARR	Ramirez C
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1cr

EASL 062 Writing Improvement

Prereq: EASL 030 or equivalent placement score.

2220	01	ARR	ARR	Vanica A
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1cr

EASL 064 ESL Workskills

Prereq: Concurrent enrollment in EASL 030 or EASL 040 or current employment.

2225	01	ARR	ARR	Staff
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1cr

EASL 065 Advanced ESL

Prereq: EASL 050 or equivalent placement.

2230	01	DAILY	9:00am-11:50am	Vanica A
2235	02	MW	9:00am-11:50am	Staff
2240	21	TTh	6:00pm-8:50pm	Staff
2245	R1	MTWTh	9:00am-12:50pm	Kill M
2250	R21	MW	6:00pm-8:50pm	Staff

1-15cr

EASL 066 ESL Child Care Applications

Prereq: EASL 030 or equivalent CASAS placement. Coreq: ECEM 111, ECEM 112, ECEM 113.

2255	IB	ARR	ARR	Staff
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3cr

EASL 070 ESL Computer Applications I

Prereq: EASL 040 or equivalent placement.

2260	IB	ARR	ARR	Staff
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1-3cr

EASL 077 ESL Accounting Applications I

Prereq: EASL 040 or equivalent placement scores and instructor permission.

2265	IB	ARR	ARR	Staff
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3cr

EASL 080 ESL/ABED College Transition

Prereq: EASL 030 or equivalent placement score.

2270	01	T	1:10pm-4:00pm	Staff
2275	IB	ARR	ARR	Staff

1-15cr

Environmental Horticulture**HORT 111 Botany**

Prereq: ABED 046 and MATH 070, or equivalent placement scores.

3035	01	MT	7:30am-1:30pm	Marshall D	Fee: \$35
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5cr

HORT 112 Intro to Hand Tools

3040	01	TF	7:30am-1:30pm	Smith C	\$7
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1cr

HORT 113 Propagation

3045	01	ThF	7:30am-1:30pm	Smith C	Fee: \$35
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5cr

HORT 115 Plant ID Fall

3050	01	MTThF	7:30am-1:30pm	Marshall D	Fee: \$28
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4cr

HORT 116 Fall Horticulture Lab

3055	01	MTThF	7:30am-1:30pm	Marshall D	Fee: \$21
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3cr

Environmental Science**ENVS&101 Introduction to Environmental Science**

Prereq: ENGL 093, MATH 090 or instructor permission.

2920	H21	M	5:30pm-8:20pm	Staff	Fee: \$55
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5cr



Graduating soon? Already an alum?

Get in touch with the
Lake Washington Alumni Lions
Help Start the Alumni Connection!
Email: LWITAlumni@lwtech.edu

First Aid/CPR/HIV

IFAD 156	8-Hour First Aid/CPR	0.5cr
3080 01	9/27/14 Sa 8:30am-3:00pm	
	Staff	
IFAD 158	CPR for The Healthcare Provider	0.5cr
3090 01	10/18/14 Sa 8:30am-12:30pm	
	Staff	
IFAD 162	First Aid/CPR for Health Care Providers	1cr
3095 21	11/15/14 Sa 8:30am-3:00pm	
	Staff	
IFAD 216	HIV/AIDS Training	1cr
3105 L3	9/29/14-10/13/14 ARR ARR	
	Staff	
3110 L3	10/13/14-10/27/14 ARR ARR	
	Staff	
3115 L3	11/3/14-11/17/14 ARR ARR	
	Staff	

Fitness Specialist/Personal Trainer

FTNS 100	Independent Personal Fitness Training	1cr
2960 01	ARR ARR Staff	Fee: \$21
FTNS 112	Principles of Sports and Exercise	3cr
Prereq: MATH 080 or equivalent placement score.		
2965 01	TTh 8:00am-9:20am Staff	
FTNS 121	Kinesiology	5cr
2970 01	MWF 8:00am-9:50am Staff	
FTNS 137	Professional Skills in Fitness	5cr
2975 01	DAILY Noon-12:50pm Staff	
FTNS 154	Exercise Prescription for Special Populations	5cr
Prereq: FTNS 153.		
2980 H1	TTh 10:00am-10:50am Staff	
FTNS 191	Fitness Internship I	3cr
Prereq: Instructor permission.		
2985 01	T 7:00am-7:50am Staff	Fee: \$33
FTNS 199	Special Projects	1-5cr
Prereq: instructor permission.		
2990 01	ARR ARR Staff	Fee: \$55
FTNS 210	Fitness Internship II- Personal Training	3cr
Prereq: FTNS 191, CPR/First Aid Certification.		
2995 01	T 7:10am-7:50am Staff	Fee: \$33
FTNS 230	Fitness Externship	4cr
Prereq: FTNS 210.		
3000 01	ARR ARR Staff	
FTNS 299	Special Projects	1-5cr
Prereq: Instructor permission.		
3005 01	ARR ARR Staff	Fee: \$55

Funeral Service Education

The Funeral Service Education AAS degree prepares students to achieve entry-level proficiency as an embalmers and funeral directors. The program is designed to be completed in 7 quarters of full-time study. For more information please call (425) 739-8300 or email info@lwtech.edu.

The FSE program has as its central aim the recognition of the importance of funeral service personnel as:

- Members of a human services profession,
- Members of the community in which they serve,
- Participants in the intimate relationship between bereaved families and those engaged in the funeral service profession,
- Professionals knowledgeable of and compliant with federal, state, provincial/territorial, and local regulatory guidelines (in the geographic area where they practice), as well as
- Professionals sensitive to and knowledgeable of the responsibility for public health, safety, and welfare in caring for human remains.

The program has the following objectives:

- To enlarge the background and knowledge of students about the funeral service profession.
- To educate students in every phase of funeral service, and to help enable them to develop the proficiency and skills necessary to become functional members of the profession.
- To educate student concerning the responsibilities of the funeral service profession to the community.
- To emphasize high standards of ethical conduct.
- To provide a comprehensive curriculum at the post secondary level of instruction.
- To encourage research in the field of funeral service.

CAUTION: Students applying for admission to the Funeral Services Education program should contact their respective state boards of funeral services regarding that state board's approval of this particular program of instruction.

The program is the only accredited funeral service education degree program in the state and one of only a few on the West Coast. The Funeral Service Education program at Lake Washington Institute of Technology is accredited by the American Board of Funeral Service Education (ABFSE), 3414 Ashland Ave., Suite G, St. Joseph, MO, 64506, (816) 233-3747. Web: www.abfse.org

FSE 250	Funeral Service Management & Merchandising	4cr
Prereq: ACCT 111, BAS 101, BUSA 180, BUS&201, FSE 101, FSE 130, FSE 140.		
2935 L1	W ARR Wilcox E	
FSE 258	Restorative Art and Lab	4cr
Prereq: BIOL& 175, FSE 140, FSE 141.		
2940 H1	W 9:00am-11:00am Budrow L	Fee: \$200
FSE 261	Embalming II	4cr
Prereq: FSE 251, FSE 255.		
2945 H1	ARR ARR Wilcox E	Fee: \$500
FSE 274	Funeral Service Pathology	3cr
Prereq: FSE 261, FSE 262.		
2950 L1	ARR ARR Wilcox E	
FSE 275	Comprehensive Review	3cr
Prereq: Instructor permission.		
2955 L1	ARR ARR Budrow L	

History

HIST&146	US History I	5cr
Prereq: ENGL 100.		
3010 01	MW 1:30pm-3:50pm	Staff

Human Resource Management

BUHR 210	HR's Role in Organization & Program Overview	1cr
1650 R21	TW 6:00pm-9:00pm	Mangini R Fee: \$35
BUHR 215	HR Ethics and Diversity	4cr
1655 R21	M 6:00pm-9:30pm	Mangini R
BUHR 220	Employee Benefits and Risk Management	4cr
1660 R21	W 6:00pm-9:30pm	Mangini R
BUHR 255	Employment Law I	4cr
1665 R21	T 6:00pm-9:30pm	Mangini R

Humanities

HUM 110	Introduction to Film	5cr
Prereq: ABED 046		
3065 01	TTh 1:10pm-3:30pm	Snider P
3070 L1	ARR ARR	Nyland R
HUM 215	Multicultural America	5cr
Prereq: ENGL& 101 (pre or corequisite).		
3075 01	TTh 1:10pm-3:30pm	Mehta, N

Information Technology Applications Development

ITAD 105	Programming Concepts for Non-Programmers	5cr
Prereq: MATH 080, ENG 093, or equivalent placement score.		
3120 01	MW 1:00pm-3:50pm	Vaschillo A Fee: \$80
ITAD 111	Computer Programming Fundamentals	5cr
Prereq: ENGL 093, MATH 090.		
3125 01	TTh 1:00pm-3:50pm	Vaschillo A Fee: \$80
3130 H1	MW 4:00pm-5:50pm	Vaschillo A Fee: \$80
ITAD 112	HTML	5cr
Prereq: MATH 080, ENGL 093, and completion of or concurrent enrollment in BAS 120, MMDP 101, or CSNT 115; or instructor permission.		
3135 01	MW 9:00am-11:50am	Staff Fee: \$80
3140 21	MW 6:00pm-8:50pm	Staff Fee: \$80
ITAD 122	JavaScript	5cr
Prereq: ITAD 111 and ITAD 112 or instructor permission.		
3145 H21	M 6:00pm-8:50pm	Staff Fee: \$80
ITAD 123	C++ Programming I	5cr
Prereq: ITAD 111.		
3150 H1	TTh 4:00pm-5:50pm	Vaschillo A Fee: \$80
ITAD 133	C++ Programming II	5cr
Prereq: ITAD 123.		
3155 H1	TTh 4:00pm-5:50pm	Staff Fee: \$80
ITAD 138	Structured Query Language (SQL)	5cr
Prereq: ITAD 111.		
3160 H1	MW 4:00pm-5:50pm	Staff Fee: \$80
ITAD 221	Systems Analysis and Design	5cr
Prereq: ITAD 111.		
3165 H21	Th 6:00pm-8:50pm	Staff Fee: \$80
ITAD 222	jQuery	5cr
Prereq: MMDP 113, ITAD 111, and MMDP 118 or ITAD 112.		
3170 H21	W 6:00pm-8:50pm	Staff Fee: \$80

ITAD 228	Programming with C#	5cr
Prereq: ITAD 123		
3175 H21	W 6:00pm-8:50pm	Staff Fee: \$80
ITAD 235	Algorithms and Data Structures	5cr
Prereq: ITAD 133		
3180 H21	T 6:00pm-8:50pm	Staff Fee: \$80
ITAD 268	Quality Assurance Methodologies	5cr
Prereq: ITAD 123		
3185 H21	M 6:00pm-8:50pm	Staff Fee: \$80
ITAD 275	PHP Scripting	5cr
Prereq: ITAD 111, ITAD 112, or instructor permission.		
3190 H21	Th 6:00pm-8:50pm	Staff Fee: \$80

Machine Technology

MACH 108	Fundamentals of Machining for Engineering	4cr
Prereq: MATH 080, ABED 046, or equivalent placement scores, or instructor permission.		
3195 01	TThF 7:00am-11:50am	Clifton M Fee: \$84
3200 02	TThF 12:30pm-5:30pm	Weaver S Fee: \$84
MACH 110	Fundamentals of Machining	8cr
Prereq: MATH 80, ABED 46, or equivalent placement scores, or instructor permission.		
3205 01	TThF 7:00am-11:50am	Clifton M Fee: \$168
3210 02	TThF 12:30pm-5:30pm	Weaver S Fee: \$168
MACH 124	Tool Geometry, Carbides and CNC	8cr
Prereq: MATH 80, ABED 46, MACH 110, or equivalent placement scores, or instructor permission.		
3215 01	MWF 7:00am-11:50am	Candelaria D Fee: \$168
3220 02	MWF 12:30pm-5:30pm	Weaver S Fee: \$168
MACH 132	Mach Pract-Threading Project, Precision Grinding	8cr
Prereq: MACH 110 or instructor permission.		
3225 01	ARR 7:00am-11:50am	Candelaria D Fee: \$168
3230 02	ARR 12:30pm-5:30pm	Weaver S Fee: \$168
3235 03	ARR 7:00am-11:50am	Clifton M Fee: \$168
MACH 134	CNC Manual Practice, Programming	8cr
Prereq: MACH 124 or instructor permission.		
3240 01	ARR 7:00am-11:50am	Clifton M Fee: \$168
MACH 223	Capstone Project Part I	7cr
Prereq: MATH 080, ENGL 093, MACH 134, or instructor permission.		
3250 01	ARR 7:00am-11:50am	Clifton M Fee: \$147
MACH 224	Capstone Project Part II	7cr
Prereq: MATH 080, ENGL 093, MACH 223, or instructor permission.		
3255 01	ARR 7:00am-11:50am	Clifton M Fee: \$147
3260 01	ARR 7:00am-11:50am	Clifton M Fee: \$147

Massage Practitioner

MAST 105	Fundamentals of Massage Therapy	6cr
Coreq: MAST 115, 125.		
3270 01	TWTh 1:00pm-3:50pm	Staff Fee: \$96
MAST 115	Fundamentals of Massage Therapy II	6cr
Coreq: MAST 105, MAST 125.		
3275 01	MW 9:00am-11:50am	Staff
MAST 125	Fundamentals of Massage Therapy III	6cr
Coreq: MAST 105, MAST 115.		
3280 01	TTh 9:00am-11:50am	Staff

Mathematics

MATH 070 Elements of Arithmetic 5cr
Prereq: ABED 030, or equivalent placement score, or instructor permission.

3285 01 ARR ARR Pandey A

MATH 081 Technical Mathematics I 5cr
Prereq: MATH 070 or ABED 040.

3290 1B TTh 1:00pm-2:30pm Staff

MATH 087 Quantitative Literacy 5cr
Prereq: MATH 070, or ABED 040, or equivalent placement score, or instructor permission.

3295 01 MWF 9:00am-10:20am Staff

3300 02 MWF 10:30am-11:50am Staff

3305 03 MWF Noon-1:20pm Staff

3310 04 MW 1:30pm-3:50pm Staff

3315 05 Sa 8:00am-1:00pm Staff

3320 21 TTh 5:30pm-7:50pm Staff

MATH 090 Introduction to Algebra FOR STEM 5cr
Prereq: MATH 087 or equivalent placement score.

3325 01 MWF 9:00am-10:20am Staff

3330 02 TTh 10:30am-12:50pm Staff

3335 03 TTh 1:10pm-3:30pm Staff

3340 04 MW 1:30pm-3:50pm Staff

3345 05 Sa 8:00am-1:00pm Staff

3350 21 MW 5:30pm-7:50pm Staff

MATH 091 Technical Mathematics II 5cr
Prereq: MATH 080 or MATH 081.

3355 1B TTh 1:00pm-2:30pm Staff

MATH 098 Essentials of Intermediate Algebra 5cr
Prereq: MATH 090 or equivalent placement score.

3360 01 MWF 9:00am-10:20am Staff

3365 02 MWF 10:30am-11:50am Staff

3370 03 TTh 1:10pm-3:30pm Staff

3375 21 TTh 5:30pm-7:50pm Staff

MATH 099 Intermediate Algebra for STEM 5cr
Prereq: MATH 090 or equivalent placement score.

3380 01 TTh 10:30am-12:50pm Staff

3385 02 MWF Noon-1:20pm Staff

3390 03 MW 1:30pm-3:50pm Staff

3395 04 Sa 8:00am-1:00pm Staff

3400 05 ARR ARR Staff

3405 21 TTh 5:30pm-7:50pm Staff

MATH 102 Quantitative Reasoning 5cr
Prereq: MATH 090 or equivalent placement score.

3410 01 MWF Noon-1:20pm Staff

3415 02 TTh 1:10pm-3:30pm Staff

3420 21 TTh 5:30pm-7:50pm Staff

MATH 103 Technical Mathematics III 5cr
Prereq: MATH 090 or MATH 091.

3425 1B TTh 1:00pm-2:30pm Staff

3430 1B ARR ARR Staff

3435 1B ARR ARR Staff

3440 1B ARR ARR Staff

MATH 111 College Algebra with Applications 5cr
Prereq: MATH 098 (recommended), MATH 099, or equivalent placement test score.

3445 H1 MW Noon-1:15pm Staff

MATH 341 Mathematics of Design 5cr

Prereq: Admission to the BTAD program.

3455 H21 T 6:00pm-8:50pm Bricken W

MATH&107 Math in Society 5cr

Prereq: MATH 098 (recommended), or MATH 099, or equivalent placement score.

3460 01 TTh 10:30am-12:50pm Staff

3465 02 MW 1:30pm-3:50pm Staff

3470 L1 ARR ARR Staff

MATH&141 Pre-Calculus I 5cr

Prereq: MATH 099 or equivalent placement score.

3475 01 TTh 10:30am-12:50pm Staff

MATH&142 Pre-Calculus II 5cr

Prereq: MATH& 141.

3480 01 TTh 1:30pm-3:30pm Staff

MATH&146 Statistics 5cr

Prereq: MATH 098 (recommended), or MATH 099, or equivalent placement score.

3485 01 MWF 9:00am-10:20am Staff

3490 02 TTh 1:10pm-3:30pm Staff

3495 21 MW 5:30pm-7:50pm Staff

3500 H1 W 1:30pm-3:50pm Staff

3505 L1 ARR ARR Staff

MATH&151 Calculus I 5cr

Prereq: MATH& 142.

3510 01 MWF 10:30am-11:50am Staff

MATH&152 Calculus II 5cr

Prereq: MATH&151 or equivalent placement score.

3515 01 MWF 10:30am-11:50am Staff

MATH&153 Calculus III 5cr

Prereq: MATH& 152.

3520 01 MWF 10:30am-11:50am Staff

Medical Assisting

MEDA 115 Law and Ethics 3cr

Prereq: ENGL 100, equivalent placement score, or instructor permission.

3525 01 M 9:00am-11:50am Costarella L

MEDA 116 Medical Terminology 5cr

Prereq: ENGL 093, equivalent placement score, or instructor permission.

3530 02 W 9:00am-11:50am Costarella L

3535 H1 M 1:00pm-3:50pm Costarella L

3540 L1 ARR ARR Costarella L

MEDA 118 Examine Room and Patient Preparation 5cr

Prereq: ENGL 093, BIOL& 175, MEDA 115, MEDA 116, or instructor permission.

3545 01 TTh 8:30am-11:20am Blakesley-Boddie Fee: \$123

3550 02 TF 8:30am-11:20am Blakesley-Boddie Fee: \$123

MEDA 119 Intercultural Awareness in Health Care 3cr

Prereq: ENGL 100.

3555 01 T 1:00pm-3:20pm Blakesley-Boddie C

MEDA 121 Medical Office Skills 5cr

Prereq: BAS 101 (or test out), ENGL 093 or equivalent placement score, MEDA 116 or instructor permission.

3560 H1 TTh 1:00pm-2:50pm Woodruff S Fee: \$105

MEDA 129 Pharmacology/Medical Math 5cr

Prereq: BIOL& 175, MEDA 116, MATH 080 or equivalent placement score, or instructor permission.

3565 01 MF 10:00am-12:30pm Fatherazi S Fee: \$105

MEDA 136 Coding/Billing/Insurance 5cr

Prereq: MEDA 121, MATH 080, or instructor permission.

3570 H1 TTh 8:00am-9:50am Woodruff S Fee: \$105

MEDA 139 Assist with Exam and Administer Medications 5cr

Prereq: MEDA 118.

3575 01 MW 1:00pm-3:50pm Larson P Fee: \$105

3580 02 MTh 1:00pm-3:50pm Larson P Fee: \$105

MEDA 140 Medical Reimbursement Systems 5cr

Prereq: MEDA 136, MEDA 211 or instructor permission.

3585 H1 T 10:30am-11:20am Woodruff S

MEDA 154 Intermediate Medical Coding 5cr

Prereq: MEDA 136 or instructor permission.

3590 H1 TH 10:30am-11:20am Woodruff S

MEDA 211 Medical Computer Applications 5cr

Prereq: MEDA 121, MEDA 136.

3600 H1 W 1:00pm-3:50pm Blakesley-Boddie CFee: \$105

MEDA 212 Diagnostic Testing in Medical Office 5cr

Prereq: MEDA 118, MEDA 125, MEDA 139, or instructor permission.

3605 01 MT 8:30am-11:20am Torrijos J Fee: \$105

3610 02 MW 8:30am-11:20am Torrijos J Fee: \$105

MEDA 214 Disease Conditions and Community Health 5cr

Prereq: BIOL& 175 or instructor permission.

3615 H1 T 1:00pm-3:50pm Costafella L

MEDA 293 Medical Assisting Externship Seminar 2cr

Prereq: Instructor permission. Coreq: MEDA 294.

3620 01 W 4:00pm-4:50pm Larson P Fee: \$125

MEDA 294 Medical Assistant Externship 5cr

Prereq: Instructor permission. Coreq: MEDA 293.

3625 01 ARR ARR Larson P

Motorcycle, Marine & Power Equipment Service Technology**TRAN 110 Computer Basics/Transportation Trades 2cr**

Prereq: ABED 040 or Math 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 112, TRAN 113, TRAN 125.

439S 01 DAILY 7:00am-11:50am Knigge H Fee: \$42

4400 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$42

TRAN 112 Shop and Business Practices 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 113, TRAN 125.

4435 01 DAILY 7:00am-11:50am Knigge H Fee: \$105

4440 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

TRAN 113 Basic Electrical Systems 4cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 125.

4475 01 DAILY 7:00am-11:50am Knigge H Fee: \$84

4480 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$84

TRAN 125 Mechanical Principles 5cr

Prereq: ABED 040 or MATH 070, and ABED 046, or equivalent placement scores. Coreq: TRAN 110, TRAN 112, TRAN 113.

4515 01 DAILY 7:00am-11:50am Knigge H Fee: \$105

4520 02 DAILY 9:00am-2:20pm Sutherland D Fee: \$105

MMPE 138 Motorcycle/Marine/Power Equip Lab 1-5cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125.

3805 01 DAILY 7:00am-11:50am Dale D Fee: \$80

MMPE 213 Chassis, Suspension, and Rigging 7cr

Prereq: TRAN 110, TRAN 112, TRAN 113, TRAN 125.

3815 01 DAILY 7:00am-11:50am Dale D Fee: \$112

MMPE 214 Two and Four-Cycle Gas Engines 6cr

Prereq: MMPE 213, or concurrent enrollment or instructor permission.

3820 01 DAILY 7:00am-11:50am Dale D Fee: \$96

MMPE 215 Diesel Engines 2cr

Prereq: MMPE 214 or concurrent enrollment or instructor permission.

3825 01 DAILY 7:00am-11:50am Dale D Fee: \$32

MMPE 221 Advanced Electrical Applications 4cr

Prereq: TRAN 110, TRAN 112, TRAN 113, and TRAN 125, or instructor permission.

3830 01 DAILY 7:00am-11:50am Dale D Fee: \$64

MMPE 223 Advanced Motorcycle, Marine & Power Equip Apps I 6cr

Prereq: MMPE 221 or instructor permission.

3835 01 DAILY 7:00am-11:50am Dale D Fee: \$96

MOHD 221 Harley-Davidson® Electrical Diagnostics 6cr

Prereq: MMPE 215 or instructor permission.

3840 01 DAILY 7:00am-11:50am Dale D Fee: \$96

MOHD 223 Intro to Harley-Davidson® Electronic Cntrl System 3cr

Prereq: MOHD 221 or instructor permission.

3845 01 DAILY 7:00am-11:50am Dale D Fee: \$48

MOHD 225 Harley-Davidson® Service Procedures 6cr

Prereq: MOHD 223 or instructor permission.

3850 01 DAILY 7:00am-11:50am Dale D Fee: \$96

Multimedia Design & Production**MMDP 101 Digital Foundations 5cr**

Prereq: ABED 046, MATH 070.

3630 H1 M 1:00pm-3:50pm Staff Fee: \$80

3635 H21 Th 6:00pm-8:50pm Staff Fee: \$80

MMDP 105 Storyboard Development 4cr

Prereq: ART 121.

3640 01 F 9:00am-2:50pm Staff Fee: \$64

MMDP 108 Interactive Media Design 5cr

Prereq: ABED 046, ABED 040 or MATH 070.

3645 01 TTh 1:00pm-3:50pm Staff Fee: \$80

3650 H21 Th 6:00pm-8:50pm Staff Fee: \$80

MMDP 116 Business for Creative Professionals 4cr

Prereq: MMDP 101.

3655 01 TTh 1:00pm-3:50pm Staff Fee: \$64

MMDP 117 Typography 4cr

3660 H1 W 1:00pm-3:50pm Staff Fee: \$64

MMDP 119 Video Production I 4cr

Prereq: ABED 046, MATH 087.

3665 01 MW 9:00am-11:50pm Staff Fee: \$64

MMDP 121 Vector Illustration 1 with Illustrator 4cr

3670 01 TTh 9:00am-11:50am Staff Fee: \$64

3675 L1 ARR ARR Staff Fee: \$64

MMDP 122 Image Editing 1 with Photoshop 4cr

3680 01 MW 9:00am-11:50am Staff Fee: \$64

3685 02 TTh 1:00pm-3:50pm Staff Fee: \$64

3690 L1 ARR ARR Staff Fee: \$64

MMDP 123 Multimedia Authoring with Flash 4cr

3695 H21 T 6:00pm-8:50pm Staff Fee: \$64

MMDP 124 Introduction to 3D with Maya 4cr

Prereq: MMDP 122, ABED 046, Math 070.

3700 01 MW 9:00am-11:50am Staff Fee: \$64

MMDP 126	Page Layout 1 with InDesign	4cr
Prereq: MMDP 121, or MMDP 122, or instructor permission.		
3705	L1 ³ ARR ARR Staff	Fee: \$64
MMDP 133	Web Authoring with Dreamweaver	4cr
Prereq: MMDP 118, MMDP 122, or instructor permission.		
3710	01 TTh 9:00am-11:50am Staff	Fee: \$64
MMDP 134	3D Materials and Textures	4cr
Prereq: MMDP 124.		
3715	01 TTh 9:00am-11:50am Staff	Fee: \$64
MMDP 137	Lighting and Effects	4cr
Prereq: MMDP 124.		
3720	01 MW 1:00pm-3:50pm Staff	Fee: \$64
MMDP 141	Vector Illustration 2 with Illustrator	4cr
Prereq: MMDP 121.		
3725	L1 ³ ARR ARR Staff	Fee: \$64
MMDP 142	Image Editing 2 with Photoshop	4cr
Prereq: MMDP 122.		
3730	H1 ³ TTh 4:00pm-5:50pm Staff	Fee: \$64
3735	L1 ³ ARR ARR Staff	Fee: \$64
MMDP 150	Character Animation I	4cr
Prereq: MMDP 124.		
3740	01 TF 4:00pm-6:50pm Staff	Fee: \$64
MMDP 153	Introduction to Web and Mobile Design	5cr
Prereq: MMDP 121 or MMDP 122.		
3745	H1 M 1:00pm-3:50pm Staff	Fee: \$80
MMDP 158	Prepress and Digital Publishing	4cr
Prereq: MMDP 126.		
3750	H21 T 6:00pm-8:50pm Staff	Fee: \$64
MMDP 159	Video Production II	4cr
Prereq: MMDP 119, MMDP 139, MMDP 170, or instructor permission.		
3755	01 MW 1:00pm-3:50pm Jacek C	Fee: \$64
MMDP 165	3D Character Design	4cr
Prereq: MMDP 124.		
3760	01 MW 4:00pm-6:50pm Staff	Fee: \$64
MMDP 170	Motions Graphics with AfterEffects	4cr
Prereq: MMDP 122.		
3765	01 MW 4:00pm-6:50pm Staff	Fee: \$64
MMDP 210	High Resolution Sculpting I	4cr
Prereq: MMDP 124.		
3780	01 F 9:00am-2:50pm Staff	Fee: \$64
MMDP 215	High Resolution Sculpting II	4cr
Prereq: MMDP 210.		
3785	01 F 9:00am-2:50pm Staff	Fee: \$64
MMDP 290	Portfolio/Job Search	5cr
Prereq: MMDP 101, MMDP 122, and one of the following: MMDP 124, MMDP 126, MMDP 133, MMDP 139.		
3790	H1 F 10:00am-1:50pm Staff	Fee: \$80
MMDP 297	Multimedia Internship	1-4cr
Prereq: Instructor permission.		
3795	L1 ³ ARR ARR Staff	

Nursing Assistant

NURS 107	Nursing Assistant Theory	5cr
Prereq: ENGL 093. Coreq: NURS 108, NURS 109.		
3855	01 MTW 8:00am-9:50am Retallick D	
3860	02 MTW 5:00pm-6:50pm Gloss T	

Nursing Prerequisite Offerings

Nursing students may choose from the following list of prerequisites. Consult your adviser for a complete list of program requirements.

Nursing prerequisite offerings:

BIOL&	241	Human A & P 1*	6cr
BIOL&	242	Human A & P 2	6cr
CHEM&	121	Intro to Chemistry	5cr
ENGL&	101	English Composition I	5cr
MATH&	146	Statistics	5cr
PSYC&	200	Lifespan Psychology	5cr
NURS	107	Nursing Assistant Theory	5cr
NURS	108	Nursing Assistant Lab	3cr
NURS	109	Nursing Assistant Practicum	3cr

* BIOL& 211 must be completed before this class

Same students need additional classes. To make sure you are on track to complete all admission requirements, please attend an information session. Dates and locations can be found at www.lwtech.edu/selectiveadmission

NURS 108	Nursing Assistant Lab	3cr
Prereq: ENGL 093. Coreq: NURS 107, NURS 109.		
3865	01 MTW 10:00am-12:50pm Retallick D	Fee: \$63
3870	02 MTW 7:00pm-9:50pm Gloss T	Fee: \$63
NURS 109	Nursing Assistant Practicum	3cr
Prereq: ENGL 093. Coreq: NURS 107, NURS 108.		
3875	01 ARR ARR Retallick D	Fee: \$63
3880	02 ARR ARR Johnson Cath	Fee: \$63

Nursing

NURS 110	Introduction to Pathophysiology	3cr
Prereq: Instructor permission.		
3885	01 Th 2:00pm-5:00pm Fatherazi S	
NURS 111	Nursing Foundations	4cr
Prereq: Instructor permission. Coreq: NURS 112.		
3890	01 F 8:00am-Noon Wade R	Fee: \$100
NURS 112	Nursing Foundations Practicum	2cr
Prereq: Instructor permission. Coreq: NURS 111.		
3895	01 DAILY ARR McEwen M	Fee: \$200
3900	02 DAILY ARR Glover M	Fee: \$200
3905	03 DAILY ARR Thies K	Fee: \$200
NURS 113	Health Assessment and Promotion	2cr
Prereq: Instructor permission.		
3910	01 M 8:00am-11:00am Thies K	Fee: \$100
3915	02 W 1:00pm-4:00pm Glover M	Fee: \$100
NURS 116	Communication Processes in Nursing	2cr
Prereq: Instructor permission.		
3920	01 W 9:00am-11:00am Glover M	
NURS 117	Skills Lab I	2cr
Prereq: Instructor permission.		
3925	01 Th 8:00am-11:50am McEwen M	Fee: \$75
3930	02 Th 1:00pm-3:50pm Staff	Fee: \$75
NURS 121	Medical-Surgical Nursing I	4cr
Prereq: NURS 111, NURS 112. Coreq: NURS 122.		
3935	01 W 8:00am-11:50am McEwen M	Fee: \$144

NURS 122 Medical-Surgical Nursing I Practicum 5cr

Prereq: NURS 111, NURS 112. Coreq: NURS 121.
3940 01 ThF ARR Bui T Fee: \$250
3945 02 ThF ARR Glover M Fee: \$250

NURS 128 Skills Lab II 2cr

Prereq: NURS 117.
3950 01 M 1:00pm-4:00pm Olason R Fee: \$100
3955 02 M 1:00pm-4:00pm Gonzales J Fee: \$100

NURS 129 Gerontological Nursing 2cr

Prereq: NURS 111 NURS 112.
3960 01 M 8:00am-11:00am Gonzales J Fee: \$100

NURS 131 Medical Surgical Nursing II 4cr

Prereq: NURS 121, NURS 122. Coreq: NURS 132.
3965 01 W 1:00pm-4:50pm Olason R Fee: \$144

NURS 132 Medical-Surgical Nursing II Practicum 5cr

Prereq: NURS 121, NURS 122. Coreq: NURS 131.
3970 01 M 1:00pm-11:00pm McEwen M Fee: \$250
3975 02 M 1:00pm-11:00pm Wade R Fee: \$250
3980 03 T 1:00pm-11:00pm Thies K Fee: \$250

NURS 134 Introduction to Pharmacology 3cr

Prereq: NURS 111, NURS 112.
3985 01 W 2:00pm-5:00pm Fatherazi S

NURS 135 Mental Health Nursing 3cr

Prereq: NURS 121, NURS 122.
3990 01 W 8:30am-11:30pm Dalgarn S

NURS 139 Mental Health Nursing Practicum 3cr

Prereq: NURS 121, NURS 122.
3995 01 ThF ARR Dalgarn S
4000 02 ThF ARR Dalgarn S
4005 03 ThF ARR Dalgarn S

NURS 221 Nursing & the Childbearing Family 3cr

Prereq: NURS 131, NURS 132. Coreq: NURS 222.
4010 01 W 1:30pm-4:30pm Sterritt L Fee: \$144

NURS 222 Nursing & the Childbearing Family Practicum 3cr

Prereq: NURS 131, NURS 132. Coreq: NURS 221.
4015 01 MT ARR Dashtestani Fee: \$150
4020 02 MT ARR Dashtestani Fee: \$150
4025 03 MT ARR Dashtestani Fee: \$150
4030 04 T ARR Glover M Fee: \$150

NURS 225 Nursing of Children 3cr

Prereq: NURS 131, NURS 132. Coreq: NURS 226.
4035 01 W 8:00am-11:00am Gonzales J

NURS 226 Nursing of Children Practicum 3cr

Prereq: NURS 131, NURS 132. Coreq: NURS 225.
4040 01 ARR ARR Gonzales J Fee: \$100
4045 02 ARR ARR Gonzales J Fee: \$100
4050 03 ARR ARR Gonzales J Fee: \$100
4055 03 ARR ARR Staff Fee: \$100

NURS 241 Medical-Surgical Nursing III 5cr

Prereq: NURS 221, NURS 222, NURS 225, NURS 226. Coreq: NURS 242.
4060 01 W 1:00pm-5:00pm Reents L Fee: \$144
4065 01 W 1:00pm-5:00pm Staff Fee: \$144

NURS 242 Medical-Surgical Nursing III Practicum 5cr

Prereq: NURS 221, NURS 222, NURS 225, NURS 226. Coreq: NURS 241.
4070 01 ThF 7:00am-3:30pm Washburn K Fee: \$250
4075 01 ThF 7:00am-3:30pm Staff Fee: \$250
4080 02 F 1:30pm-9:30pm Olason R Fee: \$250
4085 02 F 1:30pm-9:30pm Staff Fee: \$250
4090 03 F 1:30pm-9:30pm Reents L Fee: \$250
4095 03 F 1:30pm-9:30pm Staff Fee: \$250

NURS 243 Leadership and Nursing Practice 3cr

Prereq: NURS 241, NURS 242.
4100 01 Th 8:30am-11:30am Staff Fee: \$144
4105 01 Th 8:30am-11:30am Olason R Fee: \$144

NURS 244 Leadership and Nursing Practice Preceptorship 6cr

Prereq: NURS 241, NURS 242.
4110 01 Th Noon-2:30pm Bayes S
4115 01 Th Noon-2:30pm

Nutrition

NUTR&101 Nutrition 5cr

Prereq: ABED 046, or ABED 053, or equivalent placement scores.
4130 01 TTh 8:00am-10:20am Staff
4135 21 MW 5:30pm-7:50pm Staff
4140 L1 ARR ARR Staff
4145 L2 ARR ARR Staff

Occupational Therapy Assistant

OTA 101 Conditions in Occupational Therapy 3cr

Prereq: BIOL& 175, ENGL& 101, MATH& 146, MEDA 116, and admission to the OTA program. Coreq: OTA 110, OTA 112.
4790 01 ARR ARR Staff

OTA 110 Foundations for Occupational Therapy Assistants 5cr

Prereq: BIOL& 175, ENGL& 101, MATH& 146, MEDA 116, and admission to the OTA program. Coreq: OTA 101, OTA 112.
4795 01 ARR ARR Staff

OTA 112 Functional Movement & Kinesiology I 5cr

Prereq: BIOL& 175, ENGL& 101, MATH& 146, MEDA 116, and admission to the OTA program. Coreq: OTA 101, OTA 111.
4800 01 ARR ARR Staff Fee: \$55

OTA 214 Neurocognitive Aspects of Daily Life 4cr

Prereq: OTA 131, OTA 132, OTA, 142, OTA 143, OTA 210.
4805 01 ARR ARR Staff Fee: \$44

OTA 220 Fundamentals of OT: Older Adults 5cr

Prereq: OTA 122, OTA 210, OTA 212, OTA 213, OTA 223.
4810 01 ARR ARR Staff Fee: \$55

OTA 221 Fieldwork Level 1-Older Adults 1cr

Prereq: OTA 122, OTA 210, OTA 212, OTA 213, OTA 223.
4815 01 ARR ARR Staff

OTA 222 Seminar III 2cr

Prereq: OTA 122, OTA 210, OTA 212, OTA 213, OTA 223.
4820 01 W 9:00am-10:50am Staff

OTA 224 Occupational Therapy Assistant Capstone 4cr

Prereq: OTA 122, OTA 210, OTA 212, OTA 213, OTA 223.
4825 01 Th 12:30pm-4:20pm Staff Fee: \$44

Philosophy

PHIL 301 Public Health Ethics

5cr

4150 L¹ ARR ARR

Physical Therapist Assistant

The Physical Therapist Assistant AAS degree prepares students to provide physical therapy interventions under the direction and supervision of a physical therapist to people of all ages with health-related conditions which limit their ability to move and perform functional activities in their daily lives. For more information please call (425) 739-8300 or email info@lwtech.edu.

The Physical Therapist Assistant program at Lake Washington Institute of Technology is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: www.capteline.org.



PTA 105 Introduction to Physical Therapy

1cr

Prereq: Admission to the Physical Therapist Assistant Program.

4235 01 ARR ARR Staff

PTA 115 Procedures I

5cr

Prereq: Admission to the Physical Therapist Assistant Program.

4240 01 ARR ARR Staff Fee: \$55

Need a Career Change? Looking for a Job?

Employment Resource Center



A Resource For You!

- Career Services online—search for jobs, apply online, post your résumé
- Current job openings posted full-time & part-time, internships, workstudy
- Career exploration and job search assistance available
- Assistance with résumés & interviewing skills
- Resource Center available with computer and fax for job search
- Links to community-based organizations

Located in the West Building, W207. Call (425) 739-8113 for further information.

Services also available to the public by appointment.

www.lwtech.edu/erc

PTA 117 Pathophysiology

3cr

Prereq: Admission to the Physical Therapist Assistant Program.

4245 01 ARR ARR Staff

PTA 125 Kinesiology I

4cr

Prereq: Admission to the Physical Therapist Assistant Program.

4250 01 ARR ARR Staff Fee: \$44

PTA 221 Clinical Affiliation II

7cr

Prereq: PTA 122, PTA 240, PTA 250. Coreq: PTA 231.

4255 01 09/15/14-10/17/14 DAILY 8:00am-5:00pm

Staff Fee: \$77

PTA 222 Clinical Affiliation III

7cr

Prereq: PTA 122, PTA 240, PTA 250, PTA 221. Coreq: PTA 231.

4260 01 10/21/14-12/04/14 DAILY 8:00am-5:00pm

Staff Fee: \$77

PTA 231 Seminar II

1cr

Prereq: PTA 122, PTA 240, PTA 250. Coreq: PTA 221, PTA 222.

4265 01 09/15/14-12/04/14 ARR ARR

Staff

Physics

PHYS&114 General Physics I w/Lab

5cr

Prereq: MATH 098, or MATH 099, or instructor permission.

4155 01 MTWTh Noon-1:20pm Staff Fee: \$55

4160 21 TTh 5:30pm-8:20pm Staff Fee: \$55

Professional-Technical Education

EDUC 135 Master Advising

1cr

2335 01 ARR ARR Hayden R

EDUC 201 Teaching & Facilitating Learning Level I

3cr

2340 H1 F 9:00am-10:50am Shepherd H

EDUC 216 Assessment as Learning

5cr

2345 H1 F 2:00pm-4:20pm Staff

Psychology

PSYC 099 Human Relations

5cr

Prereq: ABED 045, or ABED 046, or equivalent placement score.

4165 01 MWF Noon-1:20pm Staff

PSYC 441 Psychology of Creativity

5cr

Prereq: PSYC&100 or equivalent. Admission to BTAD program or instructor permission.

4175 H21³ Th 6:00pm-8:50pm Staff

PSYC&100 General Psychology

5cr

Prereq: ABED 045, or ABED 046, or equivalent placement score.

4180 02 MWF 9:00am-10:20am Staff

4185 03 MWF 10:30am-11:50am Staff

4190 03 MWF 10:30am-11:50am Staff

4195 04 MWF Noon-1:20pm Staff

4200 05 TTh 10:30am-12:50pm Staff

4205 21 TTh 5:30pm-7:50pm Staff

4210 L1³ ARR ARR Staff

PSYC&200 Lifespan Psychology

5cr

Prereq: ABED 045, or ABED 046, or equivalent placement score.

4215 01 TTh 8:00am-10:20am Staff

4220 02 MW 1:30pm-3:50pm Staff

4225 H21³ M 5:30pm-7:50pm Staff4230 L1³ ARR ARR Staff

Social & Human Services

SHSV 110 Introduction to Social and Human Services

5cr

Prereq: ENGL 093 and MATH 070, or equivalent placement scores.

4275 01 DAILY 11:00am-11:50am Shepherd H

SHSV 120 Case Management and Systems

Prereq: SHSV 110 or instructor permission.
4280 01 MW 8:30am-10:50am Staff

SHSV 130 Therapeutic Approaches & Techniques

Prereq: SHSV 110 or instructor permission.
4285 01 TTh 8:30am-10:50am Shepherd H
4290 02 MW 1:30pm-3:50pm Shepherd H

SHSV 218 Field Practicum II

Prereq: SHSV 138 or instructor permission.
4295 01 F Noon-1:50pm Shepherd H

SHSV 238 Field Practicum III

Prereq: SHSV 218 or instructor permission.
4300 01 F Noon-1:50pm Shepherd H

SHSV 256 Current Issues in Social & Human Services

Prereq: Instructor permission.
4305 01 ARR ARR Shepherd H

Sociology

SOC& 101 Introduction to Sociology

Prereq: ENGL 093.
4310 01 MWF 10:30am-11:50am Staff
4315 11² ARR ARR Staff
4320 12² ARR ARR Staff
4325 LC1 MWF Noon-1:20pm Staff
4330 LC2 MWF Noon-1:20pm Staff
4335 LC3 MWF Noon-1:20pm Staff
4336 R1 MWF 1:30pm-3:50pm Staff

Spanish

SPAN& 121 Spanish I

4340 01 MWF 10:30am-11:50am Staff
4345 02 MWF Noon-1:20pm Staff
4350 R21 TTh 5:30pm-7:50pm Staff

Welding Technology

WELD 100 Welding Overview for Trades

Prereq: Instructor permission.
4525 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4530 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4535 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 101 Oxy/Acetylene Cutting & Welding

Prereq: ABED 040 or Math 070, and A8ED 046 or equivalent placement scores.
4540 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4545 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4550 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 102 Shielded Metal Arc Welding

Prereq: WELD 101.
4555 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4560 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4565 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 103 Flux Core Arc Welding

Prereq: WELD 102.
4570 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4575 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4580 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 104 Gas Metal Arc Welding

Prereq: WELD 102.
4585 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4590 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4595 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

5cr

5cr

5cr

5cr

1-5cr

5cr

5cr

WELD 105 Gas Tungsten Arc Welding

Prereq: WELD 102.
4600 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4605 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4610 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 106 Carbon Arc, Plasma, & Oxy-Acetylene Cutting

Prereq: WELD 101.
4615 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4620 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4625 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 201 Shielded Metal Arc Pipe Welding

Prereq: WELD 102 or instructor permission.
4645 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4650 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4655 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 202 Gas Tungsten Arc Pipe Welding

Prereq: WELD 105 or instructor permission.
4660 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4665 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4670 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 203 Layout and Fabrication Techniques

Prereq: WELD 103, WELD 104, WELD 105; WELD 106, WELD 201.
4675 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4680 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4685 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 204 WABO Test Prep and Weld Testing

Prereq: WELD 103, WELD 104, WELD 105, or instructor permission.
4690 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4695 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4700 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 205 Advanced Pipe Welding

Prereq: WELD 201, WELD 202.
4705 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4710 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4715 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 220 Advanced Gas Tungsten Arc Welding I

Prereq: WELD 102, WELD 105.
4720 01 DAILY 7:00am-11:50am Rupik D Fee: \$168
4725 02 DAILY Noon-4:50pm Weyer G Fee: \$168
4730 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 221 Advanced Gas Tungsten Arc Welding II

Prereq: WELD 220.
4735 01 DAILY 7:00am-11:50am Rupik D Fee: \$147
4740 02 DAILY Noon-4:50pm Weyer G Fee: \$147
4745 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

WELD 230 Metal Forming I

Prereq: WELD 106 or instructor permission.
4750 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$168

WELD 231 Metal Forming II

Prereq: WELD 230 or instructor permission.
4755 21 DAILY 5:00pm-9:50pm Meyers D Fee: \$147

Wine Certificates

WINE 241 Wines Of The World

Prereq: Must be at least 21 years old.
4775 21 T 5:30pm-9:30pm Davis M Fee: \$33

WINE 243 The Business Of Wine

4780 21 Th 6:00pm-9:00pm Holaday B

WINE 262 Tasting Room And Event Management

Prereq: Must be at least 21 years old.
4785 21 W 6:00pm-9:30pm Test N Fee: \$33

Continuing Education Courses

How to register...



Online registration

www.campusce.net/lwtech

Click on 'Courses' on the top menu, choose your classes, click 'add to cart' to register and pay for the class. Visa/Master card accepted.



Walk-in registration

LWTech Kirkland Campus
11605 132nd Avenue NE
East Building, E221
M-Th, 8:00am-4:00pm



Mail-in registration

Complete the registration form below and send payment for tuition and fees to Continuing Education at LWTech, 11605 132nd Ave NE, Kirkland, WA 98034. Your mail-in registration must reach us seven days prior to the start date of the class.

**Phone-in or Fax-in registration**

Give us a call us at (425) 739-8104
or (425) 739-8112 or fax your
completed registration form to
(425) 739-8110



LAKE WASHINGTON
INSTITUTE OF TECHNOLOGY

CONTINUING EDUCATION REGISTRATION

For more information about Continuing Education, please visit www.lwrtech.edu/ce

Enrollment Services

* Lake Washington Institute of Technology

11605 132ND AVE. NE
KIRKLAND, WA 98034

PRINT CLEARLY • COMPLETE ALL UNSHADED AREAS • SIGN •					
Student ID Number (SID if available)		SUM <input type="checkbox"/> FAL <input type="checkbox"/> WTR <input type="checkbox"/> SPR <input type="checkbox"/> For year 20____		Did you attend LWIT before? No Yes, in year: _____	
<div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div>		First Name (print clearly as many letters as fit)		Middle Initial (if any)	
Last Name (Family Name)		Date of Birth (MM/DD/YYYY, for example 07/30/1990)		<div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	
Address — Number & Street, Route & Box or P.O., or Apt #		City		State	
Zip Code		E-mail address (print clearly)			
Social Security Number** <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px;"></div>					
* I will not provide my social security number. I understand that by not providing this information, some college services (such as financial aid and official transcripts) will be unavailable or limited.					
REQUESTED CLASS SCHEDULE (ADDS OR DROPS)					PAYMENT
Valid item numbers must be provided. See Class Schedule or go to www.lwtech.edu/ce					Please contact the Cashier's office to make a Credit card payment: (425)739-8403 LWIT West Building, W201F Mon & Thu, 8am–4:15pm Fri, 9am–4:15pm OR Pay online at https://webapps.lwtech.edu/wts/wcbsa/index.html
Circle A = Add or D = Drop	Item No. Example: 9565	Course Department & Number Example: ENGL 101D	Title	Cost	
A or D	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>				
A or D	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>				
A or D	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>				
A or D	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>				
Total Cost:					
Student Signature					Date

Online Registration: Continuing Education provides online courses through Ed2Go and GotIt! Education. Registration and payment for online classes takes place online at www.ed2go.com/iwtech and www.gotiteducation.com/iwtech. For assistance with online registration, please contact the Continuing Education Office at (425) 739-8112 or email us at ce@iwtech.edu. Unpaid balances are subject to collections, including collection costs and legal fees.

**To comply with federal laws, we are required to ask for your Social Security Number (SSN) or Individual Taxpayer Identification Number (ITIN). We will use your SSN/ITIN to report Hope Scholarship/ Life Time tax credit, to administer state/federal financial aid, to verify enrollment, degree and academic transcript records, and to conduct institutional research. If you do not submit your SSN/ITIN, you will not be denied access to the college; however, you may be subject to civil penalties (refer to Internal Revenue Service Treasury Regulation 1.60505-1(e)(4) for more information). Pursuant to state law (RCW 28B.10.042) and federal law (Federal Educational Rights and Privacy Act), the college will protect your SSN from unauthorized use and/or disclosure.

About Continuing Education Courses

Online Courses

Gatlin Education Services

Through an exciting partnership with Gatlin Education Services, Continuing Education is pleased to announce new distance learning (online) non-credit training programs for Business and Healthcare Professionals. These certificate courses are practical and comprehensive... preparing you for new challenges in your career! Register and begin these programs at any time at www.gatlineducation.com/lwtech

Education to Go

In partnership with Education to Go, Continuing Education at Lake Washington Institute of Technology is pleased to offer the following classes for your Professional and Personal Enrichment! These instructor facilitated courses start every month (two lessons per week for six weeks). Register at www.ed2go.com/lwtech

Under Age Policy

Lake Washington Institute of Technology Education provides offerings primarily for adults. Unless a course is specifically geared toward a younger age group, students under 18 years must obtain permission to enroll a class.

A student under 18 years old may enroll class with the required release form (email ce@lwtech.edu to request the form), and fax to (425) 739-8110 prior to the registration.

Withdraw & Refunds

Class meets just once: refund request must be received prior to class meeting.

Class meets 2 or more times: refund request must be received prior to second class meeting.

Dance classes: refund request must be received 2 days prior to class meeting.

A 100% refund will be made if LWTech cancels the class or event.

Students may request a refund by phone or in person.

Phone: (425) 739-8112

Email: ce@lwtech.edu

Address: LWTech Continuing Education Office (E221)

Key to Continuing Education Course Listings

Beginning on page 36, courses are listed alphabetically by topic. Where applicable, mini certificates are listed first, then non-credit courses are listed under subtopics, followed by online course listings.

Courses held anywhere other than the Kirkland or Redmond campuses are considered off-campus locations and are highlighted with a shaded box.

Please visit www.campusce.net/lwtech for the most current course listings.

KEY TO COURSE LISTINGS					
Program Subtopic Heading	■ CHINESE				Course Prefix & Number
Course Title	Beginning Chinese				COLA 080
Course Description	Have you ever thought about learning another language? Do you know Chinese is the third most popular language in the world? Students will learn how to speak Mandarin for greetings, shopping, dining, and travel. Class is designed for the beginners with little or no Chinese language experience.				
Item Number & Section	Item 9215	R21	1/07/13-2/25/13		Dates Course is Offered
Time Course is Offered	6:30pm-9:00pm	W	Staff	Fee: \$145	Costs
					Off Campus Classes held anywhere other than the Kirkland campus are considered off-campus locations—see page 52-53 for addresses & directions
					Days Course is Offered
					Instructor Name

Business & Management

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

ONLINE COURSES

GATLIN EDUCATION ONLINE CERTIFICATES

For additional information on these classes and to register please visit www.gatlineducation.com/lwtech

Accounting

Certified Bookkeeper Program Item 9622 G1	DLBU 155 Fee: \$1,995
Payroll Practice and Management Item 9510 G1	DLBU 123 Fee: \$1,795
Records Management Certificate Item 9624 G1	DLBU 160 Fee: \$1,595

Law & Legal Careers

Paralegal Item 9509 G1	DLBU 122 Fee: \$1,995
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Hospitality and Gaming

Casino Poker Dealer Item 9411 G1	DLBU 040 Fee: \$1,595
Certified Wedding Planner Program Item 9520 G1	DLBU 135 Fee: \$1,595

Job Search

Freight Broker/Agent Training Item 9506 G1	DLBU 095 Fee: \$1,895
Help Desk Analyst: Tier 1 Support Specialist Item 9514 G1	DLBU 127 Fee: \$1,495

Management

Administrative Professional- MS Office Specialist Master Item 9522 G1	DLBU 137 Fee: \$1,995
Certified Global Business Professional Item 9521 G1	DLBU 136 Fee: \$2,495
Entrepreneurship: Start-Up & Business Owner Mgmt. Item 9502 G1	DLBU 116 Fee: \$2,095
Event Management and Design Item 9504 G1	DLBU 117 Fee: \$1,995
Lean Mastery Program Item 9632 G1	DLBU 180 Fee: \$1,895
Management for IT Professionals Item 9517 G1	DLBU 131 Fee: \$2,295
Management Training Item 9519 G1	DLBU 133 Fee: \$2,295
Non-Profit Management Item 9508 G1	DLBU 121 Fee: \$2,295
Project Management Program Item 9628 G1	DLBU 170 Fee: \$1,695
Project Management w/MS Project Software Item 9629	DLBU 112 Fee: \$1,995

Purchasing & Supply Chain Management Item 9513 G1	DLBU 126 Fee: \$2,295
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Six Sigma Green Belt Training Program Item 9630 G1	DLBU 175 Fee: \$1,895
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Six Sigma Black Belt Training Program Item 9634 G1	DLBU 185 Fee: \$2,695
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ED2GO ONLINE CLASSES

For additional information on these classes and to register please visit www.ed2go.com/lwtech

Accounting

Accounting Fundamentals Item 9672 E1	DLBU 101 Fee: \$109
Accounting Fundamentals II Item 9674 E1	DLBU 109 Fee: \$109
Introduction to Crystal Reports 10 Item 9744 E1	DLCA 090 Fee: \$109
Introduction to Peachtree Accounting DLCA 087 Item 9460 E1	Fee: \$109
Introduction to QuickBooks 2011 Item 9746 E1	DLCA 096 Fee: \$109
Introduction to QuickBooks 2012 Item 9745 E1	DLCA 095 Fee: \$109
Performing Payroll in QuickBooks 2010 Item 9748 E1	DLCA 097 Fee: \$109
QuickBooks for Contractors Item 9757 E1	DLCA 096 Fee: \$109
Successful Money Management Item 9581 E1	DLPR 020 Fee: \$109
Where Does All My Money Go? Item 9583 E1	DLPR 025 Fee: \$109
The Analysis and Valuation of Stocks Item 9415 E1	DLBU 087 Fee: \$109
Stocks, Bonds, & Investing Item 9736 E1	DLBU 072 Fee: \$109

Law & Legal Careers

Paralegal Preparation 1 Item 9455 E1	DLTS 020 Fee: \$109
Legal Nurse Consulting Item 9457 E1	DLNU 050 Fee: \$109
Real Estate Law Item 9469 E1	DLRE 020 Fee: \$109

Job Search

Customer Service Fundamentals Item 9638 E1	DLBU 044 Fee: \$109
Computer Skills for the Workplace Item 9688 E1	DLCA 050 Fee: \$109
Keyboarding Item 9680 E1	DLCA 020 Fee: \$109
Resume Writing Workshop Item 9810 E1	DLPR 032 Fee: \$109
Twelve Steps to a Successful Job Search Item 9812 E1	DLPR 050 Fee: \$109

Human Resources

Understanding the Human Resources Function Item 9750 E1	DLHR 075 Fee: \$109
Employment Law Fundamentals Item 9754 E1	DLHR 090 Fee: \$109

Management

Administrative Assistant Applications Item 9652 E1	DLBU 088 Fee: \$109
Administrative Assistant Fundamentals Item 9640 E1	DLBU 045 Fee: \$109
Start Your Own Arts & Crafts Business Item 9811 E1	DLBU 153 Fee: \$109
Creating a Successful Business Plan Item 9644 E1	DLBU 055 Fee: \$109
Creating the Inclusive Classroom Item 9653 E1	DLBU 177 Fee: \$109
Get Funny Item 9773 E1	DLIA 125 Fee: \$109
Starting a Nonprofit Item 9670 E1	DLBU 100 Fee: \$109
Distribution and Logistics Management Item 9507 E1	DLBU 090 Fee: \$109
Fundamentals of Supervision and Management Item 9646 E1	DLBU 067 Fee: \$109
Fundamentals of Supervision and Management II Item 9648 E1	DLBU 068 Fee: \$109
High Speed Project Management Item 9647 E1	DLBU 062 Fee: \$109
Introduction to Nonprofit Management Item 9418 E1	DLBU 184 Fee: \$109
Leadership Item 9620 E1	DLBU 124 Fee: \$109
Manufacturing Applications Item 9105 E1	DLBU 010 Fee: \$109
Manufacturing Fundamentals Item 9406 E1	DLBU 015 Fee: \$109
Marketing Your Nonprofit Item 9526 E1	DLBU 150 Fee: \$109
Personal Finance Item 9416 E1	DLBU 089 Fee: \$109
Real Estate Investing Item 9447 E1	DLRE 010 Fee: \$109
Real Estate Investing II: Financing Your Property Item 9448 E1	DLRE 015 Fee: \$109
Start Your Own Small Business Item 9476 E1	DLBU 099 Fee: \$109
Start & Operate Your Own Home Business Item 9736 E1	DLBU072 Fee: \$109
Wow, What a Great Event! Item 9642 E1	DLBU 050 Fee: \$109

Communication & Culture

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

ONLINE COURSES**GATLIN EDUCATION ONLINE CERTIFICATES**

For additional information on these classes and to register please visit www.gatlineducation.com/lwtech

Writing & Grammar

Grant Writing Item 9512 G1	DLBU 125 Fee: \$2,295
Technical Writing Item 9518 G1	DLBU 132 Fee: \$1,795

ED2GO ONLINE CLASSES

For additional information on these classes and to register please visit www.ed2go.com/lwtech

ESL

Grammar for ESL Item 9445 E1	DLWR 045 Fee: \$109
Grammar Refresher Item 9852 E1	DLWR 047 Fee: \$109
Writing for ESL Item 9443 E1	DLWR 073 Fee: \$109

Spanish

Speed Spanish Item 9760 E1	DLIA 100 Fee: \$109
Speed Spanish 2 Item 9762 E1	DLIA 105 Fee: \$109
Spanish in the Classroom Item 9763 E1	DLIA 120 Fee: \$109
Spanish for Law Enforcement Item 9716 E1	DLWR 089 Fee: \$109

Writing & Grammar

Writing Effective Grant Proposals Item 9858 E1	DLWR 079 Fee: \$109
Advanced Grant Proposal Writing Item 9874 E1	DLWR 155 Fee: \$109
Business and Marketing Writing Item 9813 E1	DLWR 088 Fee: \$109
Effective Business Writing Item 9854 E1	DLWR 068 Fee: \$109
Fundamentals of Technical Writing Item 9872 E1	DLWR 145 Fee: \$109
A to Z Grantwriting Item 9645 E1	DLBU075 Fee: \$109
Get Grants! Item 9868 E1	DLWR 107 Fee: \$109
Grammar Refresher Item 9852 E1	DLWR 047 Fee: \$109
Research Methods for Writers Item 9866 E1	DLWR 090 Fee: \$109

CONTINUING EDUCATION COURSE LISTINGS

The Keys to Effective Editing
Item 9870 E1

DLWR 140
Fee: \$109

Writerific: Creativity Training for Writers
Item 9860 E1

DLWR 080
Fee: \$109

Computer Systems & Applications/IT Technology

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

ONLINE COURSES

GATLIN EDUCATION ONLINE CERTIFICATES

For additional information on these classes and to register please visit www.gatlineducation.com/lwtech

Microsoft Certifications

Microsoft Office Specialist 2010 – MOS
Item 9528 G1

DLCA 101
Fee: \$1,995

Microsoft Certified Solutions Associate – MCSA
Item 9538 G1

DLCT 121
Fee: \$1,995

Microsoft SharePoint Certification Training
Item 9540 G1

DLCT 123
Fee: \$795

Microsoft Certified Solutions Associate (MCSA):
SQL Server 2008
Item 9541 G1

DLCT 124
Fee: \$1995

Microsoft Office

Microsoft Access 2007
Item 9529 G1

DLCA 102
Fee: \$595

Microsoft Excel 2007
Item 9530 G1

DLCA 104
Fee: \$595

Microsoft Outlook 2007
Item 9531 G1

DLCA 106
Fee: \$595

Microsoft PowerPoint 2007
Item 9532 G1

DLCA 108
Fee: \$595

Microsoft Word 2007
Item 9533 G1

DLCA 110
Fee: \$595

Networking & Programming

Cisco CCNA Authorized Certification Training
Item 9543 G1

DLCT 126
Fee: \$1,995

CompTIA A+ Certification Training
Item 9544 G1

DLCT 127
Fee: \$1,695

CompTIA Network+/Server+ Certification Training
Item 9546 G1

DLCT 129
Fee: \$1,495

CompTIA Security+ Certification Training
Item 9547 G1

DLCT 130
Fee: \$1,495

Forensic Computer Examiner
Item 9425 G1

DLCA 125
Fee: \$3,095

Pay Per Click Marketing
Item 9407 G1

DLBU 020
Fee: \$1,495

Search Engine Marketing
Item 9427 G1

DLCT 050
Fee: \$1,895

Search Engine Optimization
Item 9461 G1

DLCT 055
Fee: \$1,495

ED2GO ONLINE CLASSES

For additional information on these classes and to register please visit www.ed2go.com/lwtech

Microsoft Office

Introduction to Microsoft Excel 2003
Item 9728 E1

DLCA 065
Fee: \$109

Introduction to Microsoft Access 2007
Item 9723 E1

DLCA 140
Fee: \$109

Introduction to Microsoft Excel 2007
Item 9731 E1

DLCA 130
Fee: \$109

Introduction to Microsoft Outlook 2007
Item 9687 E1

DLCA 045
Fee: \$109

Introduction to Microsoft PowerPoint 2007
Item 9720 E1

DLCA 163
Fee: \$109

Introduction to Microsoft Word 2007
Item 9739 E1

DLCA 160
Fee: \$109

Introduction to Microsoft Access 2007
Item 9723 E1

DLCA 140
Fee: \$109

Introduction to Microsoft Access 2010
Item 9722 E1

DLCA 069
Fee: \$109

Introduction to Microsoft Outlook 2010
Item 9423 E1

DLCA 129
Fee: \$109

Introduction to PowerPoint 2010
Item 9721 E1

DLCA 165
Fee: \$109

Intermediate Microsoft Excel 2003
Item 9738 E1

DLCA 075
Fee: \$109

Intermediate Microsoft Access 2007
Item 9737 E1

DLCA 069
Fee: \$109

Intermediate Microsoft Excel 2007
Item 9733 E1

DLCA 133
Fee: \$109

Intermediate Microsoft Word 2007
Item 9691 E1

DLCA 061
Fee: \$109

Advanced Microsoft Excel 2003
Item 9735 E1

DLCA 066
Fee: \$109

Advanced Microsoft Excel 2007
Item 9742 E1

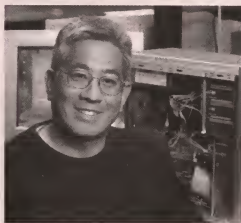
DLCA 080
Fee: \$109

Advanced Microsoft Excel 2010
Item 9472 E1

DLCA 085
Fee: \$109

Microsoft Excel 2010 in the Classroom
Item 9424 E1

DLCA 120
Fee: \$109



Microsoft PowerPoint 2007 in the Classroom Item 9470 E1	DLED 040 Fee: \$109	Intermediate Oracle Item 9618 E1	DLCP 117 Fee: \$109
Microsoft PowerPoint 2010 in the Classroom Item 9724 E1	DLED 063 Fee: \$109	Intermediate PHP and MySQL Item 9613 E1	DLCP 136 Fee: \$109
What's new in Office 2007 Item 9423 E1	DLCA 129 Fee: \$109	Intermediate SQL Item 9617 E1	DLCP 112 Fee: \$109
Microsoft Operation Systems		Intermediate Visual Basic Item 9612 E1	DLCP 095 Fee: \$109
Introduction to Windows XP Item 9682 E1	DLCA 025 Fee: \$109	Navigating the Internet Item 9700 E1	DLCW 050 Fee: \$109
Networking & Programming		Wireless Networking Item 9660 E1	DLCT 090 Fee: \$109
CompTIA A+ Cert Prep (Basic) Item 9662 E1	DLCT 105 Fee: \$124	Multimedia, Photography, Web Design	
CompTIA A+ Cert Prep (Intermediate) Item 9664 E1	DLCT 107 Fee: \$124	Achieving Top Search Engine Positions Item 9718 E1	DLCW 125 Fee: \$109
CompTIA A+ Cert Prep (Advanced) Prep Item 9666 E1	DLCT 109 Fee: \$124	Creating Web Pages Item 9702 E1	DLCW 055 Fee: \$109
CompTIA Network + Certification Prep Item 9668 E1	DLCT 115 Fee: \$124	Advanced Web Pages Item 9703 E1	DLCW 056 Fee: \$109
CompTIA Network + Certification Prep 2 Item 9690 E1	DLCT 118 Fee: \$124	Designing Effective Websites Item 9704 E1	DLCW 059 Fee: \$109
Advanced PC Security Item 9580 E1 Fee: \$109	DLCT 067	Introduction to Adobe Acrobat 9 Item 9785 E1	DLMD 122 Fee: \$109
C++ for the Absolute Beginner Item 9606 E1	DLCP 082 Fee: \$109	Introduction to Adobe Acrobat Item 9788 E1	DLMD 130 Fee: \$109
C# Programming for the Absolute Beginner Item 9608 E1	DLCP 084 Fee: \$109	Discover Digital Photography Item 9770 E1	DLMD 050 Fee: \$109
C# Programming Intermediate Item 9609 E1	DLCP 085 Fee: \$109	Introduction to CSS3 and XHTML5 Item 9707 E1	DLCW 062 Fee: \$109
CompTIA Security+ Certification Prep Item 9575 E1	DLCT 131 Fee: \$124	Introduction to Flash CS5 Item 9790 E1	DLMD 135 Fee: \$109
Introduction to ASP.NET Item 9743 E1	DLCP 065 Fee: \$109	Introduction to Illustrator CS4 Item 9799 E1	DLMD 079 Fee: \$109
Introduction to Database Development Item 9600 E1	DLCP 060 Fee: \$109	Introduction to Illustrator CSS Item 9795 E1	DLMD070 Fee: \$109
Introduction to Networking Item 9654 E1	DLCT 070 Fee: \$109	Introduction to Photoshop CS4 Item 9783 E1	DLMD 124 Fee: \$109
Introduction to PC Security Item 9536 E1	DLCT 065 Fee: \$109	Introduction to Photoshop CS5 Item 9782 E1	DLMD 126 Fee: \$109
Introduction to PC Troubleshooting Item 9650 E1	DLCT 060 Fee: \$109	Introduction to Photoshop CS6 Item 9780 E1	DLMD 121 Fee: \$109
Introduction to Perl Programming Item 9602 E1	DLCP 075 Fee: \$109	Intermediate CSS3 and XHTML5 Item 9709 E1	DLCW 063 Fee: \$109
Introduction to PHP and MySQL Item 9615 E1	DLCP 135 Fee: \$109	Intermediate Dreamweaver CS4 Item 9727 E1	DLCW 141 Fee: \$109
Introduction to Oracle Item 9616 E1	DLCP 115 Fee: \$109	Mac, iPhone, & iPad Programming Item 9755 E1	DLMA 060 Fee: \$109
Introduction to SQL Item 9614 E1	DLCP 110 Fee: \$109	Creating Mobile Apps with HTML 5 Item 9663 E1	DLMA 050 Fee: \$109
Introduction to Visual Basic Item 9610 E1	DLCP 090 Fee: \$109	Creating jQuery Mobile Websites with Dreamweaver Item 9734 E1	DLCW 060 Fee: \$109
Intermediate Java Programming Item 9711 E1	DLCW 095 Fee: \$109	Photoshop CS5 for Digital Photographer Item 9440 E1	DLMD 090 Fee: \$109
Intermediate Networking Item 9658 E1	DLCT 080 Fee: \$109	Intermediate Photoshop CS5 Item 9785 E1	DLMD 122 Fee: \$109

Intermediate Photoshop CS6 Item 9787 E1	DLMD 128 Fee: \$109
Introduction to Java Programming Item 9708 E1	DLCW 090 Fee: \$109
Intermediate Java Programming Item 9711 E1	DLCW095 Fee: \$109
Photoshop Elements 9 Item 9779 E1	DLMD 063 Fee: \$109
Photographing Nature with Your Digital Camera Item 9775 E1	DLMD 061 Fee: \$109
Secrets of Better Photography Item 9772 E1	DLMD 055 Fee: \$109
Travel Photography for the Digital Photographer Item 9439 E1	DLMD 080 Fee: \$109

Culinary Arts

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

ONLINE COURSES

ED2GO ONLINE CLASSES

For additional information on these classes and to register please visit www.ed2go.com/lwtech

Secrets of the Caterer Item 9730 E1	DLFO 107 Fee: \$109
Start Your Own Edible Garden Item 9786 E1	DLHG 015 Fee: \$109



Fitness

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

ONLINE COURSES

GATLIN EDUCATION ONLINE CERTIFICATES

For additional information on these classes and to register please visit www.gatlineducation.com/lwtech

Nutrition for Optimal Health, Wellness & Sports Item 9558 G1	DLHF 103 Fee: \$2,595
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Personal Training & Fitness

Advanced Personal Fitness Trainer Item 9555 G1	DLHF 100 Fee: \$2,795
Fitness Business Management Item 9556 G1	DLHF 101 Fee: \$2,595
Personal Fitness Trainer Item 9559 G1	DLHF 104 Fee: \$2,295
Personal Training/Group Exercise for Older Adult Item 9560 G1	DLHF 105

Healthcare

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

■ CPR TRAINING

4-Hour Heart Saver First Aid with CPR/AED Course

COFC 071

Learn how to manage illness and injuries in the first few minutes until professional help arrives. Course content includes: General Principles, Medical Emergencies, and Injury Emergencies. Optional topics include CPR/AED, and Environmental Emergencies. The current test book is not included in the course cost. A certification is given upon completion and will expire in 2 years. This is our preferred program, various businesses and industries use this program to meet OSHA, Federal, State and corporate safety requirements. 4 hrs.

Item 9008	7/11/14	1 session	
1:00pm-5:00pm	F	CPR 4 U	Fee: \$79

BLS Healthcare Provider

COFC 102

The BLS Healthcare Provider Course is designed to provide a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner. The course is intended for certified or noncertified, licensed or non-licensed healthcare professionals. Intended Audience: Healthcare providers such as physicians, nurses, paramedics, emergency medical technicians, respiratory therapists, physical and occupational therapists, physician's assistants, residents or fellows, or medical or nursing students in training, aides, medical or nursing assistants, police officers, and other allied health personnel. 4 hrs.

Item 9004	8/1/14	1 session	
1:00pm-5:00pm	F	CPR 4 U	Fee: \$79

**7-Hour HIV/Aids Training
For Healthcare****COME 120**

This training workshop is specifically designed for the Healthcare professional for license or professional development. The class meets Washington State certification requirements. 7 hrs.

Item 9001 7/26/14 1 session
8:00am-4:00pm Sa CPR 4 U Fee: \$79

Item 9002 8/16 1 session
8:00am-3:00pm Sa CPR 4U Fee: \$79

■ DENTAL HYGIENE**Local Anesthesia & Nitrous Oxide
for Hygienists****CODE 240**

Students will learn the techniques and usage of local anesthesia administration and nitrous oxide sedation. The pharmacology of the drugs administered, their interactions with other medications, emergency procedures, and review of the anatomy and physiology of the head and neck will be covered. Course fulfills the requirements of instruction in local anesthesia for the Dental Hygienist set forth in Washington State Revised Code 18.29. There is also a "lecture" portion available online starting July 7, 2014 which must be completed prior to the clinical.

Item 9054 8/11 - 8/13
8:30am-5:00pm M, T, W Davis B Fee: \$979

Local Anesthesia for Hygienists**CODE 243**

Students will learn the techniques and usage of local anesthesia administration. The pharmacology of the drugs administered, their interactions with other medications, emergency procedures, and review of the anatomy and physiology of the head and neck will be covered. Course fulfills the requirements of instruction in local anesthesia for the Dental Hygienist set forth in Washington State Revised Code 18.29. There is also a "lecture" portion available online starting July 7, 2014 which must be completed prior to the clinical.

Item 9053 8/11 - 8/13
8:30am-5:00pm M, T, W Davis B Fee: \$979

**Nitrous Oxide/Oxygen Sedation
for Hygienists****CODE 245**

Those students who only require training in nitrous oxide/oxygen sedation may take this course option. You will be joining the above class for only the portion of the course that relates to your needs. Current dental hygiene license, vaccinations, and other documentation required. There is also a "lecture" portion available online starting July 7, 2014 which must be completed prior to the clinical.

Item 9052 8/12
1:00pm-5:00pm Tu Davis B Fee: \$485

ONLINE COURSES**GATLIN EDUCATION ONLINE CERTIFICATES**

For additional information on these classes and to register please visit www.gatlineducation.com/lwtech

Dental

Administrative Dental Assistant DLME 125
Item 9565 G1 Fee: \$1,795

Medical Assisting, Billing, Transcription

Administrative Medical Specialist Coding/Billing DLME 131
Item 9566 G1 Fee: \$1,995

Administrative Medical Specialist Coding/
Billing/Med Terminology DLME 134
Item 9563 G1 Fee: \$2,495

Advanced Coding for the Physician's Office DLME 225
Item 9486 G1 Fee: \$1,595

Advanced Hospital Coding and CCS Prep DLME 230
Item 9488 G1 Fee: \$1,895

ICD-10 Medical Coding DLME 235
Item 9490 G1 Fee: \$1,795

Medical Billing and Coding DLME 136
Item 9569 G1 Fee: \$1,795

Medical Terminology DLME 137
Item 9570 G1 Fee: \$795

Medical Transcription DLME 138
Item 9571 G1 Fee: \$1,795

Veterinary Assistant DLME 140
Item 9572 G1 Fee: \$1,995

ED2GO ONLINE CLASSES

For additional information on these classes and to register please visit www.ed2go.com/lwtech

Medical Assisting, Billing, Transcription

Become an Optical Assistant DLME 100
Item 9803 E1 Fee: \$109

HIPAA Compliance DLFC 070
Item 9437 E1 Fee: \$109

Medical Coding DLME 035
Item 9446 E1 Fee: \$109

Medical Terminology: A Word Association Approach DLME 095
Item 9564 E1 Fee: \$109

Medical Math DLME 025
Item 9442 E1 Fee: \$109

Introduction to Natural Health and Healing DLME030
Item 9402 E1 Fee: \$109

Sign Up for LWTech's Emergency Alerts!

Don't be the last to
know when the
campus is closed!
It's easy to sign up.



Go to www.lwtech.edu/alerts

Once you are signed-up you will
receive email or text message alerts
whenever the campus is closed due
to an emergency.



Teach for Lake Washington Tech

We value your education and expertise. We've found that instructors like you offer a wealth of opportunity to our lifelong learners. If you're interested in teaching a continuing education course for LWTech, please send an email to ce@lwtech.edu and request a course proposal form.

Horticulture & Garden

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

ONLINE COURSES

ED2GO ONLINE CLASSES

For additional information on these classes and to register please visit www.ed2go.com/lwtech

Growing Plants for Fun and Profit Item 9740 E1	DLGA 075 Fee: \$109
Start Your Own Edible Garden Item 9786 E1	DLHG 015 Fee: \$109



Industrial Technology & Skilled Trades

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

■ BOILER REFRESHER

Boiler Refresher

COTR 125

The purpose of this refresher training is to ensure the safe operation of boilers and accessories with a review of the following areas: codes and regulations, safety, operation of boilers and new technology. A "Certificate of Award" will be issued upon successful completion of this class as proof for renewal of your boiler operator's license. This course fulfills the requirements of the City of Seattle Department of Planning & Development. Prerequisite: licensed boiler operator. 8 hrs

Item 9020	7/12	1 session	
8:00am-4:30pm	Sa	Jackson W	Fee: \$159
Item 9021	8/16	1 session	
8:00am-4:30pm	Sa	Jackson W	Fee: \$159

■ WELDING

Welding For Garden Art

COWD 162

This introductory welding course employs a step-by-step process to enable you to create beautiful garden art and teach you the basics of welding at the same time. The focus of this course is oxyfuel and metal arc welding. Various other metalworking techniques may also be covered. Personal protective equipment and other supplies are required (check the equipment list online at www.campusce.net/lwtech or call 425-739-8112). No previous experience required. 24 hrs

Item 9075	7/12-8/16		
8:30am-11:30am	Sa	Capouillez S	Fee: \$249

Open Lab for Welders

COWD 165

Do you have unfinished projects? Do you want to improve your welding skills? The Open Lab for Welders is perfect for you! With the supervision of our expert welding instructor, you will have the freedom to work on whatever projects you choose. First day of class will include required safety orientation. 24 hrs

Item 9076	7/12-8/16		
8:30am-11:30pm	Sa	Capouillez S	Fee: \$229

Welding for Gearheads

COWD 170

A hands on experience approaching welding as a maintenance and repair tool for automotive, motorcycle and other special interest vehicle enthusiasts. Activities will include oxyacetylene joining and cutting techniques. Brazing and stick welding will also be emphasized. Gas Tungsten Arc Welding will be offered for students showing appropriate skills. Problem-solving and repair involving students projects is encouraged, subject to instructor approval. Personal protective equipment and other supplies are required (check the equipment list online at www.campusce.net/lwtech or call 425-739-8112. No previous experience required. 24 hrs

Item 9078	7/12-8/16		
12:00pm-3:00pm	Sa	Capouillez S	Fee: \$249

ONLINE COURSES

GATLIN EDUCATION ONLINE CERTIFICATES

For additional information on these classes and to register please visit www.gatlineducation.com/lwtech

Auto CAD

AutoCAD 2011	DLCP 125
Item 9426 G1	Fee: \$2,595

Maintenance

Chemical Plant Operations	DLGA 010
Item 9438 G1	Fee: \$2,595

Home Inspections Certificate	DLTR 005
Item 9449 G1	Fee: \$2,295

HVAC Technician	DLTR 010
Item 9450 G1	Fee: \$3,095

Oil Refinery Operations	DLTR 020
Item 9452 G1	Fee: \$2,595

Paper Mill Operations	DLTR 025
Item 9453 G1	Fee: \$2,595

Pulp Mill Operations	DLTR 030
Item 9454 G1	Fee: \$2,595

Sustainable Energy and Going Green

Certified Indoor Air Quality Manager (CIAQM)	DLTR 050
Item 9465 G1	Fee: \$795

Certified Indoor Environmentalist (CIE)	DLTR 045
Item 9464 G1	Fee: \$895

Performing Comprehensive Building Assessments	DLTR 035
Item 9462 G1	Fee: \$895

Principles of Green Buildings	DLTR 040
Item 9463 G1	Fee: \$795

Sewing & Quilting

Dates and times for our classes may change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings.

Summer Sewing Lab COSE 075

This lab-format class is ideal for those who have not sewn recently and want to brush up on their skills and also for those who want to tackle more difficult sewing projects with confidence. Students work on the projects of their choice and at their own pace. 21 hrs

Item 9106	7/9-8/27	7 sessions	
9:30am-12:30pm	W	Goldsmith J	Fee: \$152

Item 9108	7/9-8/27	7 sessions	
1:00pm-4:00pm	W	Goldsmith J	Fee: \$152

Item 9105	7/10-8/28	7 sessions	
9:30am-12:30pm	Th	Goldsmith J	Fee: \$152

Item 9107	7/10-8/28	7 sessions	
1:00pm-4:00pm	Th	Goldsmith J	Fee: \$152

Saturday Sewing Lab COSE 073

Item 9106	7/12-8/23	6 sessions	
9:30am-12:30pm	W	Goldsmith J	Fee: \$152

Teen Sewing Lab

COSE 077

We provide the machines, you provide the creativity. Once you have learned the basics of sewing, why not take your skills to another level? Select your own project using your new skills. Make a garment from a pattern, restyle or personalize your wardrobe with help from the instructor. Sign up for as many labs as you want to continue your sewing projects. 12 hrs

Item 9016	8/4-8/25	4 sessions	
9:30am-12:30pm	M	Goldsmith J	Fee: \$119

Item 9017	8/4-8/25	4 sessions	
1:00pm-4:00pm	M	Goldsmith J	Fee: \$119

The Pencil Skirt

COSE 138

The Pencil Skirt is an essential part of any wardrobe. The slim shape makes anyone's body look longer and leaner. Try on our samples, alter your pattern and get the perfect fit. Then learn techniques for a professional finish. Includes how to make a facing, add a lining or vent to any pattern

Item 9013	8/8-8/22	3 sessions	
1:00pm-4:00pm	F	Goldsmith J	Fee: \$119

Item 9015	7/12-8/2	3 sessions	
1:00pm-4:00pm	F	Goldsmith J	Fee: \$119

The Motorcycle Jacket

COSE 085

Motorcycle jackets are all over the fashion runways. Brocade, denim, linen, or wool are just some of the fabric choices that make this versatile style a wardrobe staple. Learn about the variety of choices for collars, epaulettes, waistbands, sleeves and linings. Gain knowledge of zipper and hardware techniques for making your jacket distinct. Create professional looking jackets using ready-to-wear methods. Use our well-equipped sewing lab to enhance your sewing skills and create unique Motorcycle jackets.

Item 9102	8/8-8/22	3 sessions	
9:30am-12:30pm	F	Goldsmith J	Fee: \$119

Item 9103	8/9-8/23	3 sessions	
9:30am-12:30pm	Sa	Goldsmith J	Fee: \$119



JUST FOR TEENS

Something for All!

Classes begin early July
and run through August.

**Check out our offerings
starting on this page!**

Academics
Arts & Crafts
Computers
Foreign Language
Personal Enrichment

Are you planning on staying
in town this summer? Don't
forget about our Summer Teens
offerings.



www.lwtech.edu/ce

(425) 739-8112 | ce@lwtech.edu

Summer Teen Classes

Dates and times for our Summer Teen Classes may be subject to change. Please visit www.campusce.net/lwtech for the most current course listings, and updates on new offerings. The highlighted classes below will be held at our Redmond Campus.

■ ACADEMICS

Handling the SAT/PSAT Math

COWR 136

LWTech presents Diane Sternoff, math specialist, who is also a Washington Certified Teacher with over 30 years of teaching and successful Math SAT PREP experience. This SAT PREP is designed to prepare you for the math portion of the test by reducing your anxiety, increasing your confidence in your abilities and arming you with practical and proven strategies in 14 hours. You will be instructed on the use of the TI-83, TI-83 Plus, TI-84 and TI-B4 Plus graphing calculators. Methods that speed up calculations, tackle arithmetic and algebraic questions and attack geometry problems will be highlighted. This course will also include unique ways to recognize and avoid SAT pitfalls and special strategies not found in the typical SAT book or more expensive programs. You will have the opportunity to experience SAT math tests and evaluate your progress. Class is limited to 15 students. Please bring your TI calculator and SAT Study Guide to each session.

Students will need to purchase THE OFFICIAL SAT STUDY GUIDE by College Board, \$21.99, available at any book store or on-line. VERBAL SAT PREP is offered individually, the same SAT Study Guide book is used for both classes. 14 hrs

Item 9233	7/22-7/31	7 sessions	
10:00am-12:00pm	MTWTh	Sternoff D	Fee: \$429



Handling the SAT/PSAT Verbal

COWR 135

You need it. We have it! LWTech presents Robert Lycan, verbal specialist, who will give you the full scoop on how to beat the VERBAL portion of the SAT/PSAT in 14 hours. Students will maximize their scores through proper and carefully guided instruction. Every student will gain: pre and post test comparisons plus at-home practice which will provide maximum test benefits, skill building exercises, complete understanding of sentence completion and unique critical reading strategies, speed reading techniques, quick and dynamic vocabulary retention through root and prefix study for easy reading analysis, skills to produce high caliber essays (both for SAT & school writing) plus recognition and correction of writing errors. This course is taught by a Washington Certified Teacher with over 30 years of teaching experience and SAT PREP success.

Students will need to purchase THE OFFICIAL SAT STUDY GUIDE by College Board, \$21.99, available at any book store. POWERWORDS: Roots/Prefix Study book by Robert Lycan will be purchased at first class for \$20. Math SAT PREP is offered individually, the same SAT Study Guide book is used for both classes. 14 hrs

Item 9232	7/22-7/31	7 sessions	
1:30pm-3:30pm	MTWTh	Lycan B	Fee: \$429

Power Reading and Memory Development for Teens**COLA 045**

So you think you know how to read! You will learn new techniques that will enlighten you and lead you on the road to new discoveries. Students will double, triple, quadruple their reading speeds in all endeavors PLUS greatly improve comprehension, memory, and concentration. Imagine what you can accomplish if you minimize your reading by at least half AND have comprehension greatly accelerated. Students will also learn left/right brain study skills that will enhance memory and allow them to absorb information more readily. These skills will enable teenagers to cut study time and raise their GPA and then apply these valuable learned skills in college and for the rest of their lives. Please bring \$25 to first class for materials. 12 hrs

Item 9235 7/25-8/1 4 sessions
9:30am-12:30pm MWF Lycan R Fee: \$189

Power Writing for Teens**COWR 135**

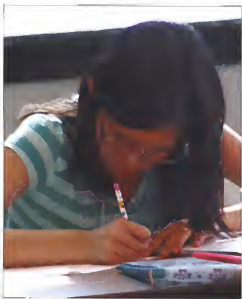
No need to fear the big, bad world of writing when you have POWERWRITING available to you. Brimming with clever advice such as "One Fast Dance Through the Parts of Speech" this class offers students a concise guide to penning strong and effective writing for classroom needs and other associative writing. The instructor offers concise explanations and non-intimidating instruction based on the four pillars of sound writing: structure, style, readability, and grammar plus solving the problems of "picky punctuation" and the biggest hindrance of all, how to energetically begin and end writing. The student will engage in several writing exercises that will put ideas into practice. Please bring \$25 to first class for materials. 12 hrs

Item 9237 7/29-8/7 4 sessions
9:30am-12:30pm MWF Lycan R Fee: \$189

Coping with Math Anxiety Workshop COMA 070

Do you find math classes oppressive? This class will provide insight on the causes of and cures for this common problem. In each session, different aspects of math anxiety will be discussed, followed by class-time for individual coaching. Bring a notebook, a pencil, and a selection of math problems that you find challenging! 4.5 hrs

Item 9257 7/10 - 7/17 3 sessions
9:00am-12:30pm TTh staff Fee: \$99

**Math Enrichment: Number Sense****COMA 085**

This class will give you a new perspective on math. We will explore a wide spectrum of topics, ranging from techniques for doing rapid math calculations to math wonders like Pascal's triangle. Bring a notebook, a pencil, and lots of curiosity! 9 hrs

Item 9239 8/4-8/15 6 sessions
10:00am-11:30pm MWF staff Fee: \$189

Stars of Tomorrow:**A Study Skills Program****COSW 120**

Do you want to be a success in high school, college, and for the rest of your life? Rediscover the natural learner in you AND become a master student!

Don't miss this opportunity to improve and increase your study skills. You will be better, faster, and more productive in school - and you'll love it.

Please bring \$23 to the first class for the required workbook. 12 hrs

Item 9227 8/8-8/15 6 sessions
9:30am-12:30pm Daily Lycan R Fee: \$189

Item 9227 8/4-8/11 6 sessions
9:30am-12:30pm Daily Lycan R Fee: \$189

■ ARTS & CRAFTS**Teen Sewing Lab****COSE 077**

We provide the machines, you provide the creativity. Once you have learned the basics of sewing, why not take your skills to another level? Select your own project using your new skills. Make a garment from a pattern, restyle or personalize your wardrobe with help from the instructor. Sign up for as many labs as you want to continue your sewing projects. 12 hrs.

Item 9016 8/4-8/25 4 sessions
9:30am-12:30pm M Goldsmith J Fee: \$119

Item 9017 8/4-8/25 4 sessions
1:00pm-4:00pm M Goldsmith J Fee: \$119

■ LANGUAGE**Beginning Spanish for Teens (new)****COLA 055**

This beginning Spanish class is for students who have or no experience with the Spanish language. Students will build practical vocabulary and learn to ask and answer basic questions, all of this taught in a bright and engaging class.

Please bring a notebook and pencil to class; all other materials will be provided. 20hrs.

Item 9250 7/14-8/13 10 sessions
2:00pm-4:00pm MW Leptich L Fee: \$197

Spanish for Teens: Refresher**COLA 051**

This summer refresher course is designed for teens with introductory knowledge in the Spanish language and culture. Students will further develop skills in listening, pronunciation, comprehension, reading, writing and speaking. Fun activities and a lot of interaction with classmates and instructor will be incorporated into the learning exercises. Students will get a chance to review grammar and vocabulary while adding new ones to their list. Join this course if you want to improve and feel confident with your language skills.

Please bring notebook and pencil to class; all other materials will be provided. 20 hrs.

Item 9251 7/8-8/7 10 sessions
12:00pm-2:00pm TTh Leptich L Fee: \$197

Testing Calendar

available online at

www.lwtech.edu/assessment

Assessment Center

West Building, W204

- Testing Calendar available online at www.lwtech.edu/assessment
- To make an appointment email assessmentstaff@lwtech.edu or call (425) 739-8115
- Valid government photo ID required for all tests; CLEP requires 2 forms of government ID
- Arrive 15 minutes early for all exams
- Accommodation arrangements must be made in advance
- DSS accommodated testing for LWTech classes by appointment
- Please be prepared to schedule your test 2–4 weeks in advance

Services for Students with Disabilities

Lake Washington Institute of Technology is committed to providing support services to students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Students who need assistance should make an appointment to see the Disability Support Services Coordinator by calling (425) 739-8300, going to W207, or visiting the website at www.lwtech.edu/dss.

TRiO Projects

Tutoring Services for Students with Disabilities

TRiO Support Services for Students with Disabilities (SSSD) is a Federal grant focused on the retention, graduation and/or transfer of students with disabilities. Support services provided include tutoring, academic advising, academic success workshops, transfer workshops, educational and career planning, The Learning Lab, mentoring and financial education. To be eligible for Project services, participants must be registered with Lake Washington Institute of Technology Disabilities Support Services. For an application packet, please call (425) 739-8361, (425) 739-8249, or (425) 739-8353 or stop by E214B or go to <http://www.lwtech.edu/trio>. All services are free to eligible students.*

- * Services are provided free through a grant from the U.S. Department of Education. The Lake Washington Institute of Technology Student Support Services TRiO Project is 100% federally funded annually at \$218,809.

Tutoring Services for First-Generation and/or Low-Income Students

TRiO Student Support Services (SSS) is a Federal grant focused on the retention, graduation and/or transfer of students who are first-generation and/or low-income. Support services provided include tutoring, academic advising, academic success workshops, transfer workshops, educational and career planning, The Learning Lab, mentoring and financial education. To be eligible for Project services, participants must be first-generation (neither parent has a bachelor's degree) and/or low-income based on TRiO guidelines. For an application packet, please call (425) 739-8361, (425) 739-8351, or (425) 739-8360 or stop by E214B or go to <http://www.lwtech.edu/trio>. All services are free to eligible students.*

- * Services are provided free through a grant from the U.S. Department of Education. The Lake Washington Institute of Technology Student Support Services TRiO Project is 100% federally funded annually at \$202,031.

You May Qualify for additional Support Services at LWTech

Find out if you qualify for one of these opportunities through funding agencies that assist students in paying for college:

The Basic Food, Employment & Training Program (BFET)

West Building W207 | (425) 576-5811
www.lwtech.edu/bfet

The BFET program is a federally funded program designed to support students receiving federal food stamps and who are enrolled in a professional-technical program or Basic Skills (ABED or GED).

Benefits may include:

- funding for books and supplies
- childcare assistance through Working Connections Childcare (DSHS)
- career & educational advising
- job search assistance and resources
- eligibility for food stamps if previously denied

Worker Retraining Program

(425) 739-8206

The Worker Retraining Program provides educational and career planning to help dislocated and unemployed workers, displaced homemakers, and formerly self-employed workers retrain in a vocational field and return to work. Students may qualify for assistance with tuition and fees, and continue to receive unemployment benefits while attending one of LWTech's many occupational programs.

WorkFirst Program

West Building W207 | (425) 739-8339

WorkFirst is an innovative partnership involving the college, the Department of Social and Health Services (DSHS), Employment Security Department (ESD), community-based organizations, business, and labor. The goal of WorkFirst is to assist TANF families, through training and basic education, to move permanently off all forms of public assistance and to become self-sufficient. TANF families may be eligible for:

- tuition and books
- individualized support to reach your goals
- referrals to community resources
- educational and career planning
- job search assistance and resources

Opportunity Grant

West Building W207 | (425) 739-8100, x8448

The Opportunity Grant Scholarship assists low-income students in reaching their educational and career goals in high-wage, high-demand occupations. Students must be in Business, Accounting or Healthcare programs, a Washington State resident, and meet income eligibility guidelines. Services include tuition and books, support services, tutoring, education and career planning, and assistance with job placement.

Pacific Associates

(206) 728-8826

Dislocated or low-income King County residents.

Department of Vocational Rehabilitation

1 (800) 745-S960

Individuals with documented disabilities.

Bellevue Life Spring

(425) 451-1175

Bellevue school district residents—support services.

King County Training Programs

(206) 205-3500

Dislocated or low-income King County residents.

Veterans' Benefits

LWTech has been authorized by the Department of Veterans Affairs to certify eligible veterans and their dependents educational benefits. Please see the veteran's adviser for additional information in the financial aid office, located in the West Building, W209.

Early Learning Center

Quality care for your child is available on campus through the LWTech Early Learning Center.

Our staff of well-qualified teachers provides an active, stimulating program which encourages learning through accomplishment. Our center provides services for students enrolled in LWTech classes and state employees. It is open to the general public on a space-available basis.

Register now—or contact us for more information and fee schedule. Call the childcare manager at (425) 739-8117. Funding programs accepted.

Developmentally Appropriate Program

Ages: 18 months and walking through 7th birthday

Hours: 7am to 5:30pm, Monday–Friday, at LWTech Kirkland campus

Academic Skills Center

The Academic Skills Center (ASC) offers classes, individualized instruction, and tutoring for all students. New students are welcome. Come to Room T217 for help with:

Reading • Writing • Spelling • Math • GED Preparation
English Second Language (ESL)

Hours: Monday/Thursday 8am–4:30pm
Friday 8am–Noon
Tuesday/Wednesday 5:30pm–8pm

Call (425) 739-8331 for information or to schedule an appointment for ESL placement.

The Learning Lab

Faculty, Staff, and CRLA certified tutors supporting ALL LWTech students in sciences, pre-requisites, math, English, and more. A student computer lab is available with software including: Microsoft Office 2013, AutoCAD, Revit, MediSoft, Keyboarding Pro and Adobe Creative Cloud. Also available is a student-run SMART Board with over 500 interactive models to support students in Anatomy & Physiology courses, diesel engines and more. See digital screen by entrance for Staff and Subject schedule. Open Monday–Friday in Room E214.

Hours: Monday–Friday 8:00am–4:00pm

STUDENT SERVICES

Writing Center

If you want to improve your writing skills, come to the Writing Center, Room T217. You can access writing reference books, take home handouts on the writing process, receive tutorial assistance, and use Microsoft Word on both PC and Macintosh computers.

Hours: Monday–Thursday | 8:00am–4:30pm
Friday | 8:00am–Noon

Tutoring is available:

Monday–Friday | 9:00am–11:00am
Tuesday & Thursday | 2:00pm–4:00pm

Additional hours may be arranged.

Accreditation

Lake Washington Institute of Technology is accredited by the Northwest Commission on Colleges and Universities at the associate degree level and at the baccalaureate degree level.

Northwest Commission on Colleges
and Universities (NWCUCU)
8060 165th Avenue NE, Suite 100
Redmond, WA 98052-3981

The Family Educational Rights Act of 1974

Lake Washington Institute of Technology has adopted procedures to comply with Public Law 93-380, the Family Educational Rights and Privacy Act of 1974 (FERPA). FERPA permits the college to make available to the public directory information which includes student names, dates of enrollment, degrees or certificates earned, eligibility for participation in official activities and organizations, program of study, honors or awards received, enrollment status (full-time or part-time), and college issued email address.

Other information may be released to military recruiters as required under the Solomon Amendment, a federal statute.

The Student Identification Number may be posted to checks or charge slips as part of routine processing. Also, certain student information is provided to other contracted agencies, such as National Student Clearinghouse, as provided by college policy to deliver services to students. FERPA entitles the student to view educational records, request amendment of records, consent to disclosure of personally identifiable information, and file complaints. Students needing more detailed information may obtain policies and procedures from the Enrollment Services office. Students wishing to be excluded from the student directory as defined in Public Law 93-380 are requested to file a petition with the Enrollment Services office.

Limitation of Liability

The college's total liability for claims arising from a contractual relationship with the student in any way related to classes or programs shall be limited to the tuition and expenses paid by the student to the college for those classes or programs. In no event shall the college be liable for any special, indirect, incidental, or consequential damages, including but not limited to, loss of earnings or profits.

Disclosure and Use of Social Security Number

To comply with Internal Revenue Service Treasury Regulation 1.6050S-1(e)(4) and Section 6109 of the Internal Revenue Code, colleges must request your Social Security Number or Individual Taxpayer Identification Number (ITIN) in order to furnish you and the Internal Revenue Service with an annual statement (IRS form 1098-T) of tuition and fees that may qualify for American Opportunity, Lifetime Learning, or other education tax credit.

If you do not submit your SSN or ITIN, you will not be denied access to the college; however, you may be subject to IRS civil penalties for failing to furnish a correct SSN or ITIN (refer to Internal Revenue Code Sections 6109 and 6723 for more information). Pursuant to state law (RCW 28B.10.042) and federal law (Family Educational Rights and Privacy Act), the college will protect your SSN/ITIN from unauthorized use and/or disclosure.

The social security number will not be used as a student identification number (SID). Instead, a separate number will be assigned for the SID. The SID should be safeguarded. It is a confidential number that could allow access to your records. Please address questions to Enrollment Services, West Building, W201.

Gainful Employment Disclosure

For more information about our graduation rates, the median debt of our students who completed the program, and other important information, please visit our website at <http://www.lwtech.edu/Gedisclosure>.

WashingtonOnline Courses

WashingtonOnline pools community and technical colleges in Washington State to offer distance education courses. Once you register for a WashingtonOnline course, you will be emailed instructions for logging into your course. Call (425) 739-8303 for more information. Be sure to provide your own email address when you register.

NOTE: Washington Online courses operate on a different calendar from in-person classes. Please check the calendar on page 2 for more information.

Waitlists

LWTech registration procedure allows you to register for one section of a course. If you register for more than one section of a course, the college will drop you from all sections except the most recent registration transaction. The college will notify you by email after making schedule changes.

You may not register for a course (example: ENGL& 101 item #XXXA) and hold a place on the wait list for another section of the same course (ENGL& 101 item #XXXB).

How can you monitor your position or remove yourself from a waitlist?

Use online services; www.lwtech.edu/toolbox.

How do you know when you get into a class?

Until the week before the quarter starts, you will be notified either by email or mailed a notice. Check your schedule on the Web regularly, and go to class on the first day to talk with the instructor.

Should you go to class if you are on a waitlist?

Yes, you should continue to check your status on the waitlist to see if you have been enrolled in the class. Once the quarter begins go to class and talk to your instructor.

Can you pay for a class while you are on a waitlist?

No, you must be enrolled in the class to pay.

What happens if you are put in a class you do not now want to be in?

Notify Enrollment Services during the first week of classes and complete an official withdrawal form. If you wait to withdraw you may be charged for the class even if you did not attend.

Administrative Withdrawals

Students may be administratively withdrawn from an individual class or all classes in a particular quarter for the following reasons. In all cases, tuition refunds will follow LWTech's posted refund policy.

1. Failure to meet prerequisite requirements: Many classes require completion of prerequisite coursework to ensure students are prepared for course content and rigor. Students must meet the requirements of a class either by grade, transfer coursework, placement score, or faculty permission.
2. Conduct sanctions: When a student is found in violation of one or more of the student conduct codes published in the student handbook, administrative withdrawal may be selected as an appropriate sanction.
3. Non-attendance: In order to maximize enrollment opportunities for all students, instructors may request the Enrollment Services office to administratively withdraw students who (A) Do not attend the first and/or any subsequent class meetings AND (B) Do not notify the instructor in advance of the absence.

Withdrawing from Courses

Withdrawals can be processed through the eighth week of the quarter. Students must withdraw by signed request in person, email with student identification number and PIN, signed fax, or signed letter. The date of withdrawal is established when the withdrawal is received by Enrollment Services. Not attending does not in itself constitute withdrawal. For more information on refunds check the Refund Policy on page S2.

WARNING: Withdrawing from a class when you are receiving financial aid may reduce your funding eligibility and you may need to repay aid that has been returned to its source. Nonpayment may result in collections including collection fees and legal costs. Be sure to update your address with Financial Aid and Enrollment Services so that you are notified if a repayment is due.

Records**Unofficial Transcripts and Grades**

Students can access transcripts and grades through the college's website at www.lwtech.edu/toolbox. Student Identification Numbers (SIDs) and Personal Identification Numbers (PINs) are required. Grades are not mailed.

Transferable Courses

Various courses may be transferred to other colleges within guidelines established by the Higher Education Coordinating Board. Many credit courses transfer to community and technical colleges or four-year universities. Consult with the institution you are planning to attend to check transferability.

For more information go to www.lwtech.edu/transfer.

Transfer of Credits

For information about transfer of credits from LWTech to other colleges, contact: Student Development Services, West Building, W207, (425) 739-8300.

Financial Aid

Financial aid is available for eligible full-time and part-time students. Students and their families need not be low income to qualify for some kinds of financial aid. Information on the application form determines your eligibility for grants, scholarships, work study and low-interest loans. Your eligibility may be retroactive to your start date. Apply for aid as early as possible, preferably eight weeks before the deadline, to allow time for processing. For more information or to pick up an information leaflet and checklist of required materials, visit the Financial Aid Office in the West Building, W209, online at <http://www.lwtech.edu/financialaid>, or call (425) 739-8106.

Financial Aid Application Deadlines

To be considered for full funding by the beginning of the quarter, completed financial aid applications must be received in the Financial Aid Office by the following deadlines:

Summer Qtr. 2014	March 15, 2014
Fall Qtr. 2014	June 20, 2014

If you received financial aid in the 2013–2014 award year (spring quarter 2014 or before) you must renew your application for the 2014–2015 award year.

Financial Aid Application Deadlines

completed applications must be received in the Financial Aid Office by the following dates:

for Summer 2014
March 15, 2014

for Fall 2014
June 20, 2014

Tuition for Credit Courses

Tuition rates are set by the Washington State Legislature and the State Board for Community and Technical Colleges (SBCTC). Tuition rates are published on the website at www.lwtech.edu/tuition and in the current Class Schedule. Tuition and fees are subject to change without prior notice.

The college may charge other fees to cover costs such as registration, late fees, insurance, supply, lab fees and parking fees.

For the most current tuition and fee information please visit the website at www.lwtech.edu/tuition.

A list of estimated degree and certificate costs by program can be found at www.lwtech.edu/programcost.

Tuition Waivers

Lake Washington Institute of Technology offers tuition waivers in accordance with State of Washington law and policies authorized by the State Board for Community and Technical Colleges for several categories of students including but not limited to the following:

- *Non-resident students who are U.S. citizens will receive a waiver resulting in resident tuition rates plus required non-resident building fees. This waiver does not apply to baccalaureate classes.
- Children and Spouses of Totally Disabled or POW/MIA or deceased eligible veterans or national guard members.
- Children of Deceased or disabled law enforcement officers or firefighters.
- Adult Basic Education, English as a second language, and GED preparation.
- Eligible veterans or national guard members.
- High School Completion.
- Parent Education classes.
- Senior Citizens.
- State Employees.
- Apprentice students.
- Running Start students.
- Some students with program requirements exceeding 18 quarterly credits.

Please check with enrollment services to determine eligibility and current waiver policy.

Tuition Table for Credit Courses

Match the total credits you are taking with the table amount to determine your tuition costs, taking into account applicable waivers as listed below. Add lab/supply fees listed with your courses, if any.

ALL TUITION AND FEES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

EFFECTIVE FALL 2013 THROUGH SUMMER 2014.

COST PER CREDIT INCLUDES STUDENT ACTIVITY FEE, COMPREHENSIVE FEE, FACILITY FEE, SAFETY & SECURITY & BUILDING FEE

# OF CREDITS	RESIDENT AAS & CERTIFICATE	NON-U.S. RESIDENT* AAS & CERTIFICATE	RESIDENT APPLIED BACCALAUREATE	NON-STATE RESIDENT APPLIED BACCALAUREATE
	1-10 CREDITS @ \$117.50 11-18 CREDITS @ \$63.65 OVER 18 CREDITS @ \$106.92	1-10 CREDITS @ \$289.50 11-18 CREDITS @ \$68.66 OVER 18 CREDITS @ \$278.92	1-10 CREDITS @ \$256.11 11-18 CREDITS @ \$20.54 OVER 18 CREDITS @ \$245.53	1-10 CREDITS @ \$609.08 11-18 CREDITS @ \$21.23 OVER 18 CREDITS @ \$598.50
1	\$117.50	\$289.50	\$256.11	\$609.08
2	\$235.00	\$579.00	\$512.22	\$1,218.16
3	\$352.50	\$868.50	\$768.33	\$1,827.24
4	\$470.00	\$1,158.00	\$1,024.44	\$2,436.32
5	\$587.50	\$1,447.50	\$1,280.55	\$3,045.40
6	\$705.00	\$1,737.00	\$1,536.66	\$3,654.48
7	\$822.50	\$2,026.50	\$1,792.77	\$4,263.56
8	\$940.00	\$2,316.00	\$2,048.88	\$4,872.64
9	\$1,057.50	\$2,605.50	\$2,304.99	\$5,481.72
10	\$1,175.00	\$2,895.00	\$2,561.10	\$6,090.80
11	\$1,238.65	\$2,963.66	\$2,581.64	\$6,112.03
12	\$1,302.30	\$3,032.32	\$2,602.18	\$6,133.26
13	\$1,365.95	\$3,100.98	\$2,622.72	\$6,154.49
14	\$1,429.60	\$3,169.64	\$2,643.26	\$6,175.72
15	\$1,493.25	\$3,238.30	\$2,663.80	\$6,196.95
16	\$1,556.90	\$3,306.96	\$2,684.34	\$6,218.18
17	\$1,620.55	\$3,375.62	\$2,704.88	\$6,239.41
18	\$1,684.20	\$3,444.28	\$2,725.42	\$6,260.64
19	\$1,791.12	\$3,723.20	\$2,970.95	\$6,859.14
20	\$1,898.04	\$4,002.12	\$3,216.48	\$7,457.64
21	\$2,004.96	\$4,281.04	\$3,462.01	\$8,056.14
22	\$2,111.88	\$4,559.96	\$3,707.54	\$8,654.64
23	\$2,218.80	\$4,838.88	\$3,953.07	\$9,253.14
24	\$2,325.72	\$5,117.80	\$4,198.60	\$9,851.64
25	\$2,432.64	\$5,396.72	\$4,444.13	\$10,450.14

Fees Included in Tuition

Each credit of tuition in the table includes mandatory fees:

- Comprehensive Fee: \$3.86 per credit
- Safety and Security Fee \$3.40 per credit
- Facilities Fee \$3.40 per credit

Payment Information

When you register for courses at LWTech, you are obligated to pay the associated tuition and related fees for those classes unless you drop your classes by the fifth day of the quarter. Students are encouraged to pay at the time of registration or to enroll in the Student Payment Plan program <http://www.lwtech.edu/PPLAN>.

- All tuition and fees are due on the first day of the quarter unless previously arranged by a college office, such as Financial Aid, Worker Retraining, or Student Accounts (includes Student Payment Plan).
- Students who enroll after the first day of the quarter must pay tuition and fees at the time of registration. A late registration Fee of \$50 will be assessed each time a student registers after the 10th day of the quarter.
- Students with unpaid balances on the fifth day of the quarter or after are subject to being dropped from classes. Students with approved financial aid will not be dropped.
- Unpaid balances may be subject to collections, including additional collection fees and legal costs.
- Students who have paid or who are enrolled in the Student Payment Plan will need to withdraw by the scheduled refund dates to receive the level of reimbursements outlined in the college's refund policy on the next page.
- Students whose tuition, fees, and/or books are being billed and paid through a third party such as Labor & Industries, WIA, DVR, an employer or a Guaranteed Education Tuition (GET) program must contact the Student Accounts Office, West Building W201E, at (425) 739-8184, FAX (425) 739-8182 or studentaccounts@lwtech.edu.

Payment Options

Please use your student ID number for all payments so that we can readily apply your payment to the correct account. Payments may be made:

1. Online in the Student Toolbox using your student ID and PIN numbers. Pay Quarter Balance in full with credit card or bank account or set up a payment plan.
2. At the Cashier's Office, West Building W201F. Pay by cash, check, debit, Visa, MasterCard or American Express credit cards.
3. Call the Cashier's Office at (425) 739-8403 to pay by Visa, MasterCard or American Express credit card.
4. Enroll in the student Payment Plan and make first payment by the 5th day of the quarter at www.lwtech.edu/pplan.
5. Mail a check to: LWTech, 11605 132nd AVE NE, Kirkland, WA 98034.
6. Cashier's drop box outside Cashier's Office after hours. Envelopes available.

NOTE: Partial payments for the current quarter are accepted only through Nelnet, the College's established payment plan. You can enroll at www.lwtech.edu/pplan.

1098-T Tuition Statements

Tax form 1098-T Tuition Statements are mailed at the end of January to students who have paid qualified tuition and related expenses. Please be sure we have your current address and your social security number. Updates can be submitted to Enrollment Services in W201. For questions regarding your 1098-T, please contact Student Accounts in W201E, by email at studentaccounts@lwtech.edu or call (425) 739-8184.

Refund Policy

Students who officially withdraw from classes within the refund period will be eligible for refunds according to the refund schedule. Students must complete an Add/Drop form and turn it in to Enrollment Services in person to officially withdraw from classes. Students will not be eligible for refunds due to non-attendance or if they are suspended or terminated for misconduct. Refunds will be made according to the original payment method. Payments made by check will be refunded by check and mailed to the address on the student account and bankcard payments will be refunded to the bankcard used for the original payment.* Students with federal and state funded aid may have refunds made to the funding program consistent with the applicable federal or state rules.

- * Refunds of automatic payments made on the Student Payment Plan will be paid by check from the college.

Refund Schedule

See Academic Calendar on page 2 for current quarter refund schedule.

College cancellation of a course100%

State-supported Credit Courses:

First five business days of the quarter100%

After the fifth business day of the quarter and through the twentieth calendar day of the quarter50%

Self-Supported Courses:

To receive 100% refund students must:

One session class	Withdraw prior to class start
Class meets twice or more	Withdraw prior to second session start
Dance class	Withdraw at least 2 days prior to class start

Exceptions

- Refunds for state-supported classes that start after the first week of the quarter or short courses that end early will be made using the same refund percentages as above. The refund schedule will be adjusted based on a ratio of the number of classes that have occurred at the time of withdrawal to the total number of class sessions.
- WashingtonOnline courses use Washington-Online quarter dates for refund percentages.

NOTE: Refund percentages are based on prior full payment of tuition and fees. Students who have not paid in full may owe a balance if they withdraw from a course during a partial or non-refund period.

DIRECTORY

Use (425) area code unless noted otherwise.

A = Allied Health Building

E = East Building

W = West Building

T = Tech Center

R = Redmond Campus

College Switchboard/General Info

W201 739-8100

Business hours:

Mon-Fri 7:30am-4:30pm

Academic Skills Center

T217 739-8331

Mon & Thurs 8am-4:30pm

Tue & Wed 8am-8pm

Fri 8am-Noon

Admissions

W201 739-8104

email admissions@lwtech.edu

(See Enrollment Services)

Application information available at

www.lwtech.edu/apply

Information Sessions 739-8104

Tue 10am

Advising

W207 739-8300

email advising@lwtech.edu

Drop in: Mon-Tues/Thurs ... 8am-3:30pm

Wed noon-3:30pm

Or call to arrange an appointment

Assessment Center

W204 739-8115

email assessmentstaff@lwtech.edu

website www.lwtech.edu/assessment

Associated Student Government

E128 739-5707

website www.lwtech.edu/asg

Bookstore

E127-East Building Mall 739-8108

Fax (425) 576-0033

Book information/ordering at

website www.lwtechshop.com

*Closed weekends and college
holidays unless otherwise noted.*

Extended Hours July 7-July 12

Mon-Thur 8am-7pm

Fri 8am-4pm

Sat, July 12 8am-noon

Sundays Closed

Summer Regular Hours July 14-Aug 29

Mon 8am-5pm

Tue-Wed 8am-6:30pm

Thur 8am-5pm

Fri 8am-2pm

Weekends Closed

Hours after Summer Term to Fall Term

Mon-Thur 8am-4pm

Fri 8am-2pm

Weekends Closed

Sat, Sept. 27 8am-noon

Buses (Metro) (206) 553-3000
Take Metro route 238.

Cafeteria

East Building Mall, E149

Breakfast, Lunch, Beverages & Snacks

Mon-Fri 7am-1:30pm

Cashier

W201F 739-8403

email cashier@lwtech.edu

Extended Hours

Sept 29, 30 8am-7:00pm

Oct 7, 8 8am-6:00pm

Regular Hours

Mon-Thurs 8am-4:15pm

Fri 9am-4:15pm

Catering

Culinary Arts Department 739-8310

Available on a limited basis.

Inquire at Chef City Grill

Restaurant E147

Cooperative Education 739-8367

Counseling

W207 739-8300

Customized Training

W304 739-8112

Dental Clinic Patient Information

F107 739-8130

Licensed dentist, Mon-Fri

from 9am-4pm. Call for appointment.

Disability Support Services

W207 739-8300

email dssinfo@lwtech.edu

Early Learning Center

Portables S1-S8 739-8117

Ages 18 months & walking through 6 yrs old

Mon-Fri 6:45am-5:30pm

Employment Resource Center

W207 739-8113

Mon-Fri 8am-4:30pm

email job.placement@lwtech.edu

website www.lwtech.edu/erc

Enrollment Services

W201 739-8104

email registration@lwtech.edu

or email admissions@lwtech.edu

Regular hours

Mon-Fri 7:30am-4:30pm

Evening hours

Tue-Wed 4:30pm-6pm

Start of quarter, registration

extended hours:

April 7-8 7:30am-7pm

April 12, first Sat 8am-1pm

Web registration/services

..... www.lwtech.edu/toolbox

Extended Learning/Continuing Education

E221 739-8112

Mon-Fri 8am-4pm

email ce@lwtech.edu

Facilities Support

Fleet Vehicles • Bike Locker • Commuter
Information • Signage • Custodial/
Maintenance Support
E199G 739-8218
Fax 739-8296
Regular hours
Mon-Fri 7:30am-4:30pm
website www.lwtech.edu/facilities

Financial Aid Office

W209 739-8106
Regular hours
Mon-Thurs 7:30am-4:30pm
Fri 11am-1:00pm
Evening hours posted at office
& on website directory.

Foundation

W302 739-8134
website www.lwtech.edu/foundation

High School Programs

W210 739-8107
Adult High School Completion, Gateway
to College, Lake Washington Technical
Academy, Running Start, Tech Prep
Mon-Fri 7:30am-4:30pm

Human Resources

E115 739-8212

Information Sessions

W204F 739-8104
Tues 10am-Noon

International Student Program

E126 739-8814
email international.students@lwtech.edu

Jobline

..... 739-8213

Lake Washington Technical Academy

W210 739-8107
Mon-Fri 7:30am-4:30pm

The Learning Lab

E214 739-8361 or 739-8360
Mon-Fri 8:00am-4:00pm

Library

Tech Center, 2nd floor 739-8320
Mon-Thurs 8am-8pm
Fri 8am-5pm
Sat 11am-5pm

New Student Orientation

W204F
Wed 9am-11am
Fri 1pm-3pm

Parent Education

Kristine Anderson 739-8764
email kristine.anderson@lwtech.edu

President's Office

W301 739-8200

Program Information

..... 739-8300
email info@lwtech.edu

Redmond Campus

Front Desk 739-8321
Mon-Wed 7:30am-9:30pm
Thurs 7:30am-8:00pm
Fri 7:30am-4:30pm

Registration

W201 739-8104
email registration@lwtech.edu
(see *Enrollment Services*)

Restaurant, Chef City Grill

E147 739-8310
Open for lunch Tues-Fri, 11am-1:00pm

Campus Safety/Security & Parking

Lost and found • Carpool passes
E145 739-8224
Fax 739-8335
Mon-Thurs 6:30am-10:30pm
Fri 6:30am-4:30pm
Sat 7am-5:00pm
Sun *Campus Closed*
email security@lwtech.edu

Student Accounts

W201E 739-8184
Fax 739-8182
email studentaccounts@lwtech.edu
Student billing, third party sponsorships
and Student Payment Plan information

Student Programs

E128 739-8314
Student Clubs, Commencement,
Student Government
..... www.lwtech.edu/studentlife

Student Development Services

W207 739-8300

Telecommunication Device

for the Deaf/TDD 739-8109

TRIO Projects

E214B 739-8361 or 739-8353

Veterans' Benefits

W209 739-8100, ext.8475

Website www.lwtech.edu

WorkFirst

W207 739-8339, 739-8131

Workforce Development

- Basic Food, Employment & Training (BFET)
W207 576-5811
• website www.lwtech.edu/bfet
- Opportunity Grant
W207 5739-8100, ext. 8448
email opportunitygrant@lwtech.edu
- WorkFirst
W207 739-8339 or 739-8131
- Worker Retraining
W207 739-8206
email worker.retraining@lwtech.edu

Writing Center

T217 739-8331

Directions to Lake Washington Institute of Technology

Kirkland Campus | www.lwtech.edu

11605 132nd Ave. NE, Kirkland, WA 98034

Call (425) 739-8100 | Monday-Friday, 7:30am-4:30pm

Directions From I-405 southbound:

Take the NE 124th Street exit; turn left onto NE 124th. Drive east past three intersections and turn right onto Slater Road. Continue on Slater Road and turn left at the first signal, NE 120th Street. Lake Washington Institute of Technology will be on your right. (Use the East Entrance for Student Services.)

Directions From I-405 northbound:

Take the NE 116th Street exit, #20A; turn right (east) toward Redmond onto NE 116th Street. Go straight at stop light. Take a slight left onto Slater Road NE. Turn right onto NE 120th Street. NE 120th Street turns into 132nd Avenue NE. LWTech entrance will be on the right, immediately after the Metro Bus Shelters. Parking is free.

Redmond Campus | www.lwtech.edu/redmond

6505 176th Ave. NE, Redmond, WA 98052

Call (425) 739-8321 | Monday-Friday, 7:30am-4:30pm

Directions From the main LWTech campus (5.4 miles):

Turn right from the college driveway onto 132nd Avenue NE. Turn left on NE Redmond Way (NE 85th Street). Turn right onto Cleveland St. Bear right on Redmond Way. Turn right onto NE 70th Street at the Brown Bear Car Wash. Turn left onto 176th Avenue NE and go to the end of the street. Lake Washington Institute of Technology, Redmond Campus is on the right overlooking Marymoor Park.

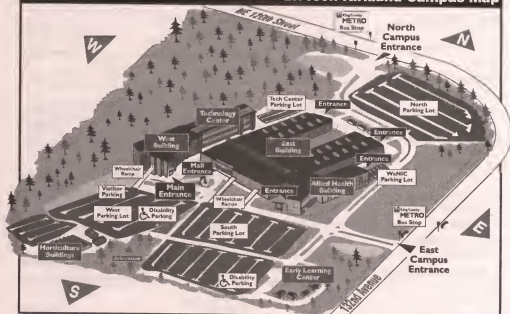
Directions From I-45:

Take exit #18, NE 85th Street, and head toward Redmond (east). Turn right onto W. Lake Sammamish Way NE at the sign shaped like a bicycle. Merge onto 520 E. toward Fall City/North Bend. Take the 202 E. exit toward Fall City/North Bend. Take a slight right onto Redmond Way. Turn right onto NE 70th St. at the Brown Bear Car Wash. Turn left onto 176th Ave. NE. Go to the end of the street. Lake Washington Institute of Technology, Redmond Campus is on the right overlooking Marymoor Park.

Area Map to Kirkland and Redmond Campuses



LWTech Kirkland Campus Map





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LWTech International Programs (425) 739-8145

www.lwtech.edu ■ international.student@lwtech.edu

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www.lwtech.edu/redmond



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Next info session: Wednesday, May 7



NEW!

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Next info session: Thursday, May 8

Bachelor of Applied Science in Transportation & Logistics Management

*Next info sessions: Monday, April 28
& Wednesday, May 14*



NEW!

www.lwtech.edu/bachelors

Let's get social! Follow us for the latest news, updates and fun tidbits around campus and beyond, including winter weather updates.



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